

236 77238

1553.79
RANT
c.3



Illinois
Environmental
Protection Agency

Division of Public Water Supplies
2200 Churchill Road
Springfield, Illinois 62706

Groundwater Quality Protection Program

RANTOUL
FACILITY NUMBER 0190650
WELL SITE SURVEY
REPORT

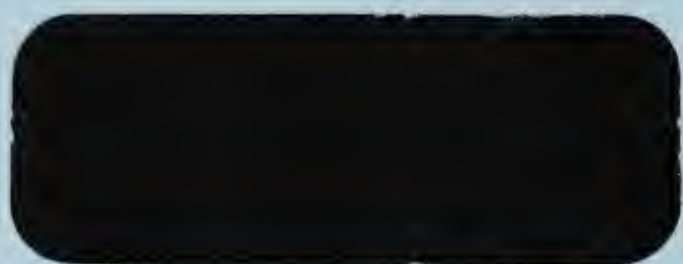
Division of Public Water Supplies



ILLINOIS STATE ILLINOIS

MAR 25 1991

ILLINOIS DOCUMENTS



IEPA/PWS/91-5

GROUNDWATER QUALITY PROTECTION PROGRAM:

RANTOUL
FACILITY NUMBER 0190650
WELL SITE SURVEY
REPORT

Prepared by:

Division of Public Water Supplies

Published by:

Illinois Environmental Protection Agency

Springfield, Illinois

February, 1991





I 553.79

RANT

C. 3

TABLE OF CONTENTS

- I. Introduction
- II. Facility Description and Geologic Profile of Well Sites
- III. Groundwater Sampling and Monitoring History
- IV. Well Site Survey Methods and Procedures
- V. Summary
- VI. Recommendations
- VII. Technical Appendices
 - A. Topographic Map
 - B. Aerial Photographic Map
 - 1. Rantoul Well #3 (IEPA #45053) Summary Description and Unit Inventory
 - 2. Rantoul Well #5 (IEPA #45055) Summary Description and Unit Inventory
 - 3. Rantoul Well #6 (IEPA #45056) Summary Description and Unit Inventory
 - 4. Rantoul Well #7 (IEPA #45057) Summary Description and Unit Inventory
 - 5. Rantoul Well #8 (IEPA #45058) Summary Description and Unit Inventory
 - C. Facility Wells Report
 - D. Detailed Sampling/Monitoring Results



INTRODUCTION

This report has been prepared by the Agency pursuant to Section 17.1 of the Illinois Environmental Protection Act. The report summarizes information about your facility and samples collected and analyzed from your well(s). The well site survey provides an inventory of the area around the well(s) to help increase your awareness of potential hazards to groundwater utilized by your facility. This information and technical data will assist you in developing and implementing local groundwater protection measures authorized by the Act.

FACILITY DESCRIPTION AND GEOLOGIC PROFILE OF WELL SITES

The Village of Rantoul obtains its water from five drift wells. These wells supply an average of 1,310,000 gallons per day to 3,500 services. See Table I for a description of each well. The surficial geologic susceptibility rating for all five wells is E. The aquifer is overlain by low permeability glacial till. Permeability is a measure of the ability of a soil or sediment to transmit fluids. A complete description and geologic profile is found in the Facility Wells Report (Appendix C).

Table I

	Minimum Setback (ft.)	Maximum Setback (ft.)	Status	Capacity (gpm) (MGD)	Specific Capacity (gpm/ft.)	Treatment	Aquifer	Well Depth (ft.)	Well Logs Available
Well #3 (45053)	200	No	A	590 0.850		Aer., Filt., Fl., Phos., Sfting	Sand and Gravel	137	Yes
Well #4 (45054)			B					150	
Well #5 (45055)	200	No	A	625 0.900		Same	Sand and Gravel	291	Yes
Well #6 (45056)	200	No	A	14 0.020		Same	Sand and Gravel	142	Yes
Well #7 (45057)	200	No	A	833 1.200		Same	Sand and Gravel	279	Yes
Well #8 (45058)	200	No	A	903 1.339		Same	Sand and Gravel	280	Yes

A - Active
B - Abandoned

GROUNDWATER SAMPLING AND MONITORING HISTORY

Rantoul Well #7 was sampled on February 21, 1985 as part of a Statewide Groundwater Monitoring Program. Wells #5, #6 and #8 were sampled on March 10, 1987 and Well #3 on December 16, 1987. The samples were analyzed for inorganic chemicals (IOC) and volatile organic/aromatic compounds (VOC/VOA). In addition, Well #7 was sampled for synthetic organic pesticides.

VOC/VOA analyses did not detect quantifiable levels of any organic compounds. SOC analyses did not detect any pesticides or herbicides. IOC analyses indicate that most parameters are consistent with other sand and gravel aquifers in Illinois. Sodium levels are slightly elevated but not uncommon for wells of similar depth in the area (Appendix D).

WELL SITE SURVEY METHODS AND PROCEDURES

The detailed well site survey consists of an aerial photographic map and inventory sheets (Appendix B), that relate information about potential sources, routes, and possible problem sites to your water supply wells. The location of potential sources, routes, possible problem sites, water wells minimum setback zones and the 1,000 foot survey area are all displayed on the aerial photographic map.

The first page of each survey consists of a summary description and geologic profile for each well. The second and following pages of the survey inventory units within and bordering a 1,000 foot radius of the wellhead. A unit is defined as any device, mechanism, equipment, or area (exclusive of land utilized only for agricultural production). The Agency 5-digit well number is associated with a unit or map code, and then classified. The classification codes relate to definitions of potential contamination sources and routes as defined in the Illinois Groundwater Protection Act (see Groundwater Primer pages 18-19). The distance and direction of the unit from the wellhead is also indicated.

Survey Results and Findings

The Rantoul well site field survey was conducted on June 16, 1989 by Wade Boring from the Agency's Springfield Office. The following describes the results and findings for the Rantoul public water wells.

Rantoul Well #3 (IEPA #45053)

The survey area is mostly urban. The area is a mixture of residential and commercial. There are fifteen possible problem sites within 1,500 feet of Well #3. They are the Rantoul Power Co. storage area (map code 3) 1,200 ft. NE, Firestone (map code 4) 1,430 ft. NE, the closed Amoco (map code 5) 1,070 ft. NE, Morris Muffler (map code 6) 1,200 ft. NE, Illini FS (map code 7) 600 ft. NE, the power plant (map code 8) 50 ft. S, Stan's Auto Sales (map code 9) 1,020 ft. SE, Lee and Son's (map code 10) 1,200 ft. SE, Finney's (map code 11) 1,050 ft. SE, Goodyear (map code 12) 950 ft. SE, Rantoul Radiator (map code 13) 270 ft. S, Deweys (map code 14) 1,250 ft. SE, Clark Oil (map code 16) 1,500 ft. SE, Rogers Chevrolet (map code 17) 1,200 ft. SSW and Rantoul Motors (map code 18) 1,000 ft. S.

Rantoul Well #5 (IEPA #45055)

The survey area is mostly urban. The area is a mixture of residential and commercial. There are fifteen possible problem sites within 1,500 feet of Well #5. They are United Fuel (map code 1) 1,450 ft. NE, the Rantoul Power Co. storage area (map code 3) 1,050 ft. NE, Firestone (map code 4) 1,210 ft. NE, the closed Amoco (map code 5) 900 ft. NE, Morris Muffler (map code 6) 1,000 ft. ENE, Illini FS (map code 7) 400 ft. ENE, the power plant (map code 8) 200 ft. SW, Stan's Auto Sales (map code 9) 900 ft. SE, Lee and Son's (map code 10) 1,100 ft. SE, Finney's (map code 11) 950 ft. SE, Goodyear (map code 12) 900 ft. SE, Rantoul Radiator (map code 13) 420 ft. SW, Deweys (map code 14) 1,300 ft. SE, Rogers Chevrolet (map code 17) 1,100 ft. S and Rantoul Motors (map code 18) 1,400 ft. SSW.

Rantoul Well #6 (IEPA #45056)

The survey area is mostly urban. The area is a mixture of residential and commercial. There are fifteen possible problem sites within 1,500 feet of Well #6. They are the Rantoul Power Co. storage area (map code 3) 1,200 ft. NNE, Firestone (map code 4) 1,400 ft. NE, the closed Amoco (map code 5) 1,000 ft. NE, Morris Muffler (map code 6) 1,150 ft. NE, Illini FS (map code 7) 550 ft. NE, the power plant (map code 8) 50 ft. S, Stan's Auto Sales (map code 9) 950 ft. SE, Lee and Son's (map code 10) 1,200 ft. SE, Finney's (map code 11) 1,000 ft. SE, Goodyear (map code 12) 950 ft. SE, Rantoul Radiator (map code 13) 300 ft. S, Deweys (map code 14) 1,250 ft. SE, Clark Oil (map code 16), 1500 ft. SE, Rogers Chevrolet (map code 17) 1,000 ft. S and Rantoul Motors (map code 18) 1,200 ft. SW.

Rantoul Well #7 (IEPA #45057)

The survey area is mostly urban. The area is a mixture of residential and openground. There are four possible problem sites within 1,500 feet of Well #7. They are the power plant (map code 8) 900 ft. NE, Rantoul Radiator (map code 13) 1,000 ft. E, Rogers Chevrolet (map code 17) 1,300 ft. SE and Rantoul Motors (map code 18) 1,000 ft. SE.

Rantoul Well #8 (IEPA #45058)

The survey area is mostly urban. The area is a mixture of residential and openground. There are three possible problem sites within 1,500 feet of Well #8. They are the power plant (map code 8) 1,250 ft. ENE, Rantoul Radiator (map code 13) 1,400 ft. ESE and Rantoul Motors (map code 18) 1,250 ft. SE.

SUMMARY

The well site survey conducted indicates that there are potential sources/sites that could pose a hazard to groundwater utilized by the Rantoul public water wells.

Three sites with above ground storage of petroleum or fertilizer; Illini FS, United Fuel and the Rantoul Power Plant.

- . Seven sites that have, or had, below ground fuel storage; United Fuel, Amoco, Illini FS, Goodyear, Arts Camper Sales, Clark Oil, and Rogers Chevrolet.
- . Eleven auto repair or service centers; Firestone, Morris Muffler, Stan's, Lee and Sons, Finney's, Goodyear, Rantoul Radiator, Dewey's, Art's, Roger's Chevrolet and Rantoul Motors.
- . A transformer storage area.

The Illinois Environmental Protection Act provides minimum protection zones for your wells. These minimum protection zones are regulated by the IEPA. The Act also authorizes county and municipal officials the opportunity to provide maximum protection zones up to 1,000 feet. The responsibility for the controls would then be assumed by local officials through adoption of a maximum setback zone ordinance.

Maximum setback zones prohibit the siting of new potential primary sources of groundwater contamination up to a distance of 1,000 feet from the wellhead. In addition, a maximum setback zone could expand the regulatory coverage of certain new and existing activities. These controls could be implemented upon the adoption of proposed regulations by the Illinois Pollution Control Board.

RECOMMENDATIONS

The Agency strongly urges Rantoul to consider establishing maximum setback zones for its wells. The Agency has prepared a "Maximum Setback Zone Workbook" which provides detailed case studies of how to establish a maximum setback zone. Technical assistance is available from the Agency and the Illinois State Water Survey.

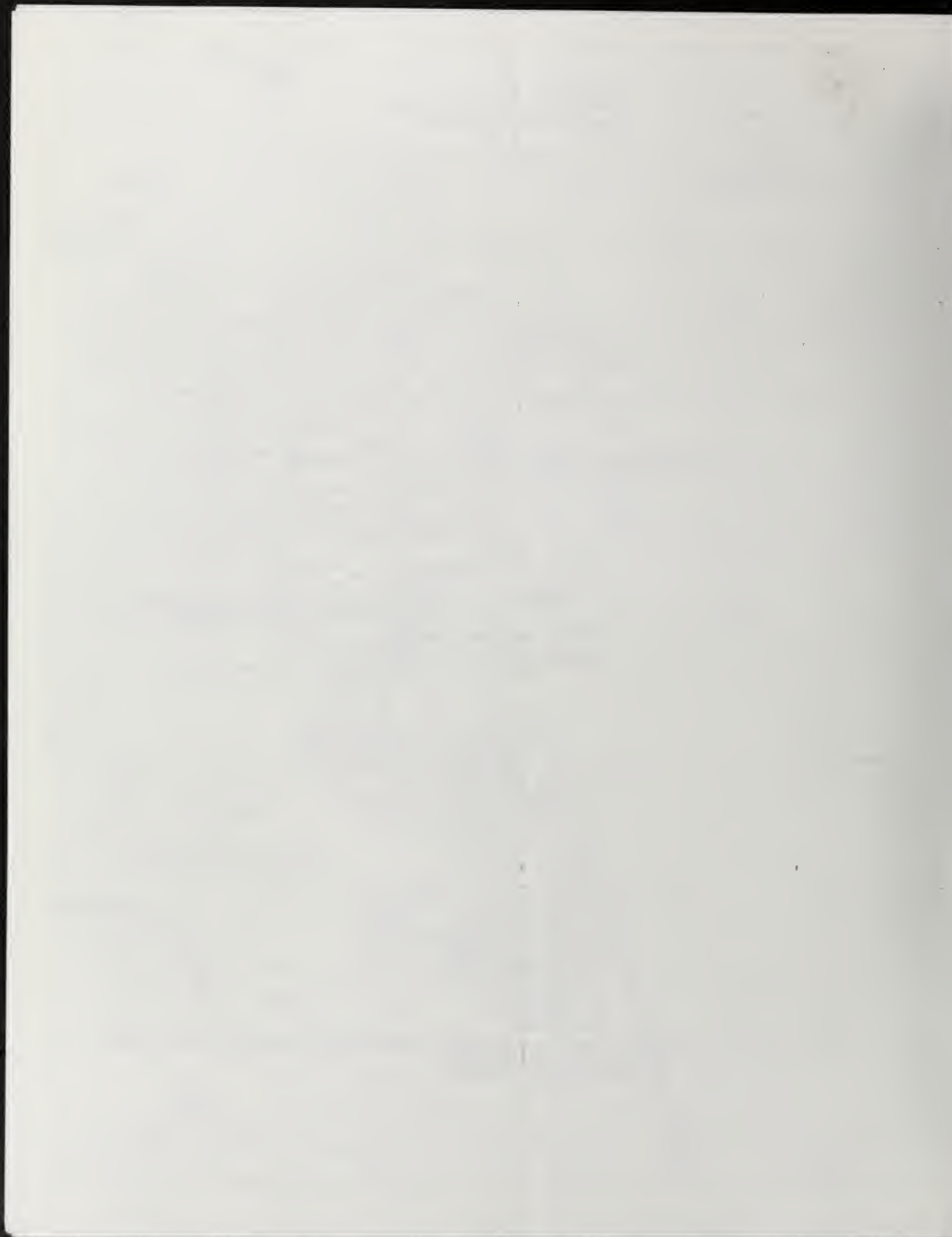
TECHNICAL APPENDICES



APPENDIX A
Topographic Map Displaying
Rantoul Well Locations

Topographic map of the Rantoul area, Kansas, showing well locations. The map includes contour lines, roads, and various landmarks. A dashed circle labeled "GENERAL STUDY AREA" is centered around the town of Rantoul. Well locations are marked with numbers: 45055, 45053, 45057, 45058, 45056, 45262, 45268, 45270, 45271, 45265, 45269, 45095, and 45096. The map also shows the Chanute Air Force Base to the south and the Rantoul Cemetery to the north. A scale bar indicates 1 inch equals 2000 feet, and a north arrow is present in the bottom right corner.

SCALE: 1"=2000'



APPENDIX B
Aerial Photographic Map

RANTOUL
0190650
1"=400'

WTR
W



1

2

3

4

5

6

7

8

9

10

11

12

13

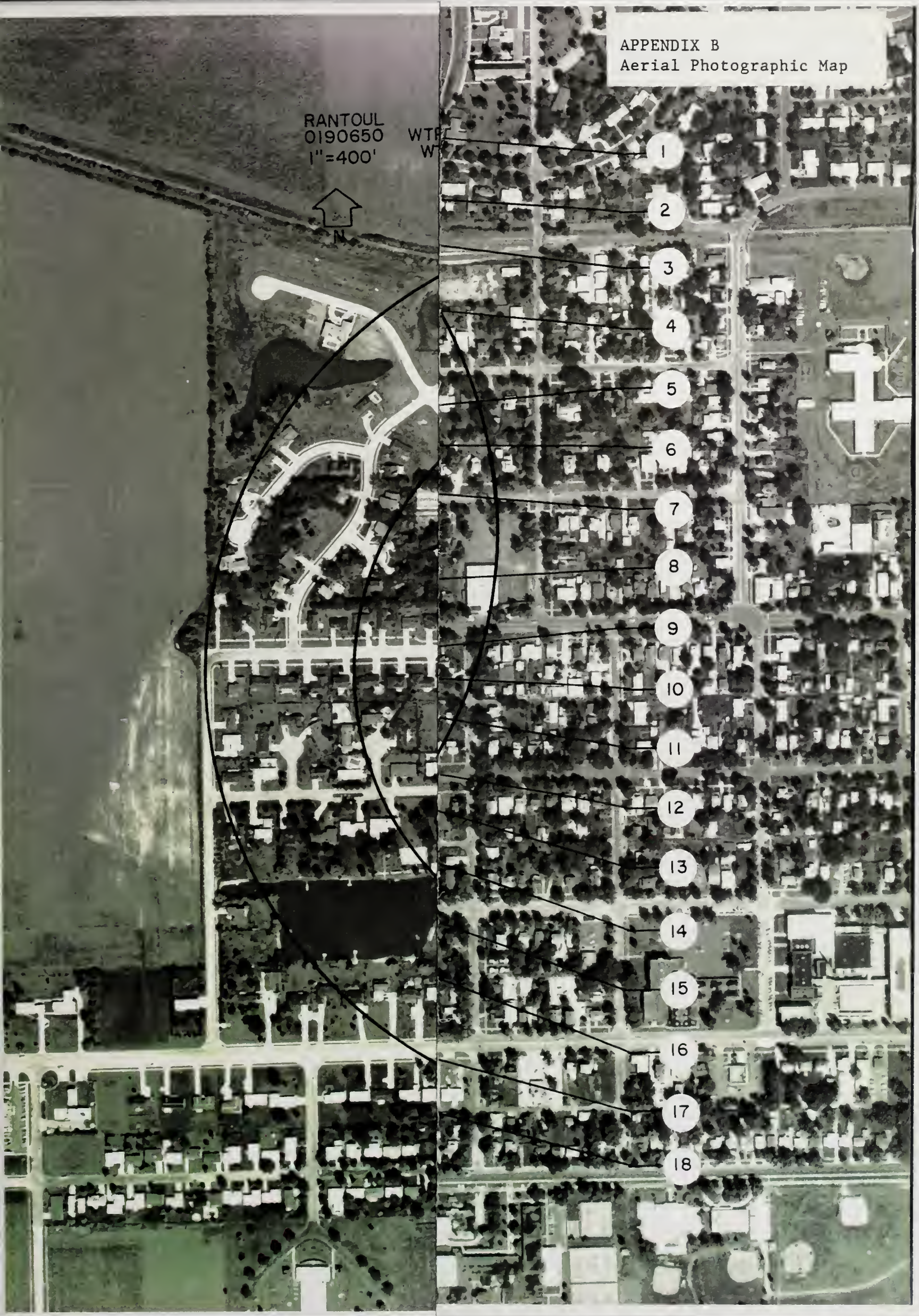
14

15

16

17

18



RANTOUL
0190650
1"=400'

WTP = water treatment plant
WT = water tower

45058

45057

45053

45056

45055

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

WTP

no water
present

GARRARD

CENTURY

GROVE ST

SANGAMON ST

CONGRESS ST

136

19

APPENDIX: B1 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE
Rantoul Well #3 (IEPA #45053)

SURVEYOR: W. Boring
SURVEY DATE: 6/16/89

ADDRESS:
Village Hall
Box 38
Rantoul, Illinois 61866

AGENCY WELL NO: 45053
WELL NAME & DESC.: Well 3
TREATMENT APPLICATION POINT: 01
FACILITY NO. & NAME: 0190650 - Rantoul
FAC. PHONE NUMBER: 217/892-2710
LOCATION:
TWP, RNG, SECTION, 10 ACRE PLOT:
22N, 9E, 34, 2A
DISTANCE FROM CORNER: 185N, 1140W
QUAD SHEET CODE & NAME: 119C Rantoul
MIN. SETBACK: 200 ft.
MAX. SETBACK:
SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: E - low permeability silty/clayey
till
AGE OF WELL (DATE WELL CONSTRUCTION): 1939
WELL DEPTH: 137 ft.
AQUIFER CODE: 0909 - sand and gravel aquifer
MULTIPLE AQUIFER (Y, N): No
SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: The survey area is mostly urban.
The area is a mixture of residential and commercial.
INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

APPENDIX: B1 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #3 (IEPA #45053)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45053-01
NAME & ADDRESS OF UNIT OWNER: United Fuel Co., N. Ohio, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Above ground bulk fuel, below ground fuel storage
assumed greater than 500 gallons, No ISFM #
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1650 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45053-02
NAME & ADDRESS OF UNIT OWNER: True Value Hardware/Rantoul Lumber N. Century,
Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Hardware store and lumber sales
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1420 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45053-03
NAME & ADDRESS OF UNIT OWNER: Rantoul Power Co., N. Ohio, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Transformer storage
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1200 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45053-04
NAME & ADDRESS OF UNIT OWNER: Firestone, N. Century, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto service center
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1430 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45053-05
NAME & ADDRESS OF UNIT OWNER: Unknown, formerly Amoco, Century St., Rantoul,
IL 61866
DESCRIPTION AND COMMENTS: Closed service station, ISFM #4-003773
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1070 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45053-06
NAME & ADDRESS OF UNIT OWNER: Morris Muffler, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto service center
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1200 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45053-07-05
NAME & ADDRESS OF UNIT OWNER: Illini FS, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Above ground fertilizer storage, below ground fuel
storage assumed greater than 500 gallons, ISFM #4-025233
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 600 ft. NE

APPENDIX: B1 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #3 (IEPA #45053)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45053-08-XI
NAME & ADDRESS OF UNIT OWNER: Rantoul Power Co., Ohio Street, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Electric power generating plant, APC #73031898
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 50 ft. S

WELL NO. - MAP CODE - CLASSF*: 45053-09
NAME & ADDRESS OF UNIT OWNER: Stan's Auto Sales, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1020 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45053-10
NAME & ADDRESS OF UNIT OWNER: Lee and Sons Import Service, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Foreign car repair shop
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1200 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45053-11
NAME & ADDRESS OF UNIT OWNER: Finney's Auto Body, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Autobody shop
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1050 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45053-12
NAME & ADDRESS OF UNIT OWNER: Goodyear Tire Co., 211 E. Sangamon, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Tire sales and auto repair, below ground tank, ISFM #4-012838
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 950 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45053-13
NAME & ADDRESS OF UNIT OWNER: Rantoul Radiator, Ohio St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Radiator repair
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 270 ft. S

WELL NO. - MAP CODE - CLASSF*: 45053-14
NAME & ADDRESS OF UNIT OWNER: Dewey's Auto Service, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto repair
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1250 ft. SE

APPENDIX: B1 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #3 (IEPA #45053)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 4S0S3-1S
NAME & ADDRESS OF UNIT OWNER: Art's Camper Sales, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Camper sales, formerly a gas station
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1600 ft. SE

WELL NO. - MAP CODE - CLASSF*: 4S0S3-16
NAME & ADDRESS OF UNIT OWNER: Clark Oil Co., Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Service station, below ground fuel storage assumed greater than 500 gallons, ISFM #4-009939
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1500 ft. SE

WELL NO. - MAP CODE - CLASSF*: 4S0S3-17
NAME & ADDRESS OF UNIT OWNER: Rogers Chevrolet, 101 East Congress, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales and service, below ground fuel tank, ISFM #4-008919
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1200 ft. SSW

WELL NO. - MAP CODE - CLASSF*: 4S0S3-18
NAME & ADDRESS OF UNIT OWNER: Rantoul Motors, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales and service
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1000 ft. S

APPENDIX: B2 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE
Rantoul Well #5 (IEPA #45055)

SURVEYOR: W. Boring
SURVEY DATE: 6/16/89

ADDRESS:
Village Hall
Box 38
Rantoul, Illinois 61866

AGENCY WELL NO: 45055
WELL NAME & DESC.: Well 5
TREATMENT APPLICATION POINT: 01
FACILITY NO. & NAME: 0190650 - Rantoul
FAC. PHONE NUMBER: 217/892-2710

LOCATION:
TWP, RNG, SECTION, 10 ACRE PLOT:
22N, 9E, 34, 2A
DISTANCE FROM CORNER: 180N, 1060W
QUAD SHEET CODE & NAME: 119C Rantoul
MIN. SETBACK: 200 ft.

MAX. SETBACK:
SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: E - low permeability silty/clayey
till

AGE OF WELL (DATE WELL CONSTRUCTION): 1963
WELL DEPTH: 291 ft.

AQUIFER CODE: 1212 - sand and gravel aquifer
MULTIPLE AQUIFER (Y, N): No

SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: The survey area is mostly urban.
The area is a mixture of residential and commercial.

INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

APPENDIX: B2 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #5 (IEPA #45055)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45055-01
NAME & ADDRESS OF UNIT OWNER: United Fuel Co., N. Ohio, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Above ground bulk fuel, below ground fuel storage
assumed greater than 500 gallons, No ISFM #
PRE OR PDST (Y,N): Y
DISTANCE AND DIRECTION: 1450 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45055-02
NAME & ADDRESS OF UNIT OWNER: True Value Hardware/Rantoul Lumber N. Century,
Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Hardware store and lumber sales
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1250 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45055-03
NAME & ADDRESS OF UNIT OWNER: Rantoul Power Co., N. Ohio, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Transformer storage
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1050 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45055-04
NAME & ADDRESS OF UNIT OWNER: Firestone, N. Century, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto service center
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1210 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45055-05-0X
NAME & ADDRESS OF UNIT OWNER: Unknown, formerly Amoco, Century St., Rantoul,
IL 61866
DESCRIPTION AND COMMENTS: Closed service station, ISFM #4-003773
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 900 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45055-06
NAME & ADDRESS OF UNIT OWNER: Morris Muffler, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto service center
PRE OR PDST (Y,N): Y
DISTANCE AND DIRECTION: 1000 ft. ENE

WELL NO. - MAP CODE - CLASSF*: 45055-07-0S
NAME & ADDRESS OF UNIT OWNER: Illini FS, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Above ground fertilizer storage, below ground fuel
storage assumed greater than 500 gallons, ISFM #4-025233
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 400 ft. ENE

APPENDIX: B2 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #5 (IEPA #45055)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45055-08
NAME & ADDRESS OF UNIT OWNER: Rantoul Power Co., Ohio Street, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Electric power generating plant, APC #73031898
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 200 ft. SW

WELL NO. - MAP CODE - CLASSF*: 45055-09
NAME & ADDRESS OF UNIT OWNER: Stan's Auto Sales, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 900 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45055-10
NAME & ADDRESS OF UNIT OWNER: Lee and Sons Import Service, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Foreign car repair shop
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1100 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45055-11
NAME & ADDRESS OF UNIT OWNER: Finney's Auto Body, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Autobody shop
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 950 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45055-12
NAME & ADDRESS OF UNIT OWNER: Goodyear Tire Co., 211 E. Sangamon, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Tire sales and auto repair, below ground tank, ISFM #4-012838
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 900 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45055-13
NAME & ADDRESS OF UNIT OWNER: Rantoul Radiator, Ohio St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Radiator repair
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 420 ft. SW

WELL NO. - MAP CODE - CLASSF*: 45055-14
NAME & ADDRESS OF UNIT OWNER: Dewey's Auto Service, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto repair
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1300 ft. SE

APPENDIX: B2 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #5 (IEPA #45055)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONOARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONOARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45055-15
NAME & ADDRESS OF UNIT OWNER: Art's Camper Sales, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Camper sales, formerly a gas station
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1600 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45055-16
NAME & ADDRESS OF UNIT OWNER: Clark Oil Co., Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Service station, below ground fuel storage assumed greater than 500 gallons, ISFM #4-009939
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1550 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45055-17
NAME & ADDRESS OF UNIT OWNER: Rogers Chevrolet, 101 East Congress, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales and service, below ground fuel tank, ISFM #4-008919
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1100 ft. S

WELL NO. - MAP CODE - CLASSF*: 45055-18
NAME & ADDRESS OF UNIT OWNER: Rantoul Motors, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales and service
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1400 ft. SSW

APPENDIX: B3 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE
Rantoul Well #6 (IEPA #45056)

SURVEYOR: W. Boring
SURVEY DATE: 6/16/89

ADDRESS:
Village Hall
Box 38
Rantoul, Illinois 61866

AGENCY WELL NO: 45056
WELL NAME & DESC.: Well 6
TREATMENT APPLICATION POINT: 01
FACILITY NO. & NAME: 0190650 - Rantoul
FAC. PHONE NUMBER: 217/892-2710

LOCATION:

TWP, RNG, SECTION, 10 ACRE PLOT:
22N, 9E, 34, 2A
DISTANCE FROM CORNER: 340N, 950W
QUAD SHEET CODE & NAME: 119C Rantoul
MIN. SETBACK: 200 ft.
MAX. SETBACK:

SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: E - low permeability silty/clayey
till

AGE OF WELL (DATE WELL CONSTRUCTION): 1964

WELL DEPTH: 142 ft.

AQUIFER CODE: 0212 - sand and gravel aquifer

MULTIPLE AQUIFER (Y, N): No

SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: The survey area is mostly urban.
The area is a mixture of residential and commercial.

INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

APPENDIX: B3 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #6 (IEPA #45056)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45056-01
NAME & ADDRESS OF UNIT OWNER: United Fuel Co., N. Ohio, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Above ground bulk fuel, below ground fuel storage
assumed greater than 500 gallons, No ISFM #
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1600 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45056-02
NAME & ADDRESS OF UNIT OWNER: True Value Hardware/Rantoul Lumber N. Century,
Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Hardware store and lumber sales
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1350 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45056-03
NAME & ADDRESS OF UNIT OWNER: Rantoul Power Co., N. Ohio, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Transformer storage
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1200 ft. NNE

WELL NO. - MAP CODE - CLASSF*: 45056-04
NAME & ADDRESS OF UNIT OWNER: Firestone, N. Century, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto service center
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1400 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45056-05-0X
NAME & ADDRESS OF UNIT OWNER: Unknown, formerly Amoco, Century St., Rantoul,
IL 61866
DESCRIPTION AND COMMENTS: Closed service station, ISFM #4-003773
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1000 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45056-06
NAME & ADDRESS OF UNIT OWNER: Morris Muffler, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto service center
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1150 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45056-07-0S
NAME & ADDRESS OF UNIT OWNER: Illini FS, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Above ground fertilizer storage, below ground fuel
storage assumed greater than 500 gallons, ISFM #4-025233
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 550 ft. NE

APPENDIX: B3 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #6 (IEPA #45056)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45056-08-XI
NAME & ADDRESS OF UNIT OWNER: Rantoul Power Co., Ohio Street, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Electric power generating plant, APC #73031898
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 50 ft. S

WELL NO. - MAP CODE - CLASSF*: 45056-09
NAME & ADDRESS OF UNIT OWNER: Stan's Auto Sales, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 950 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45056-10
NAME & ADDRESS OF UNIT OWNER: Lee and Sons Import Service, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Foreign car repair shop
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1200 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45056-11
NAME & ADDRESS OF UNIT OWNER: Finney's Auto Body, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Autobody shop
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1000 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45056-12
NAME & ADDRESS OF UNIT OWNER: Goodyear Tire Co., 211 E. Sangamon, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Tire sales and auto repair, below ground tank, ISFM #4-012838
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 950 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45056-13
NAME & ADDRESS OF UNIT OWNER: Rantoul Radiator, Ohio St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Radiator repair
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 300 ft. S

WELL NO. - MAP CODE - CLASSF*: 45056-14
NAME & ADDRESS OF UNIT OWNER: Dewey's Auto Service, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto repair
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1250 ft. SE

APPENDIX: B3 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #6 (IEPA #45056)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45056-15
NAME & ADDRESS OF UNIT OWNER: Art's Camper Sales, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Camper sales, formerly a gas station
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1600 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45056-16
NAME & ADDRESS OF UNIT OWNER: Clark Oil Co., Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Service station, below ground fuel storage assumed greater than 500 gallons, ISFM #4-009939
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1500 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45056-17
NAME & ADDRESS OF UNIT OWNER: Rogers Chevrolet, 101 East Congress, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales and service, below ground fuel tank, ISFM #4-008919
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1000 ft. S

WELL NO. - MAP CODE - CLASSF*: 45056-18
NAME & ADDRESS OF UNIT OWNER: Rantoul Motors, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales and service
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1200 ft. SW

APPENDIX: B4 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE
Rantoul Well #7 (IEPA #45057)

SURVEYOR: W. Boring
SURVEY DATE: 6/16/89

ADDRESS:
Village Hall
Box 38
Rantoul, Illinois 61866

AGENCY WELL NO: 45057
WELL NAME & DESC.: Well 7
TREATMENT APPLICATION POINT: 01
FACILITY NO. & NAME: 0190650 - Rantoul
FAC. PHONE NUMBER: 217/892-2710
LOCATION:
TWP, RNG, SECTION, 10 ACRE PLOT:
21N, 9E, 3, 3H
DISTANCE FROM CORNER: 5000N, 1950W
QUAD SHEET CODE & NAME: 119C Rantoul
MIN. SETBACK: 200 ft.
MAX. SETBACK:
SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: E - low permeability silty/clayey
till
AGE OF WELL (DATE WELL CONSTRUCTION): 1970
WELL DEPTH: 279 ft.
AQUIFER CODE: 1212 - sand and gravel aquifer
MULTIPLE AQUIFER (Y, N): No
SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: The survey area is mostly urban.
The area is a mixture of residential and open ground.
INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

APPENDIX: B4 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #7 (IEPA #45057)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45057-01
NAME & ADDRESS OF UNIT OWNER: United Fuel Co., N. Ohio, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Above ground bulk fuel, below ground fuel storage
assumed greater than 500 gallons, No ISFM #
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2550 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45057-02
NAME & ADDRESS OF UNIT OWNER: True Value Hardware/Rantoul Lumber N. Century,
Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Hardware store and lumber sales
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2400 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45057-03
NAME & ADDRESS OF UNIT OWNER: Rantoul Power Co., N. Ohio, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Transformer storage
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2050 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45057-04
NAME & ADDRESS OF UNIT OWNER: Firestone, N. Century, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto service center
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2540 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45057-05
NAME & ADDRESS OF UNIT OWNER: Unknown, formerly Amoco, Century St., Rantoul,
IL 61866
DESCRIPTION AND COMMENTS: Closed service station, ISFM #4-003773
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2200 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45057-06
NAME & ADDRESS OF UNIT OWNER: Morris Muffler, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto service center
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2300 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45057-07-05
NAME & ADDRESS OF UNIT OWNER: Illini FS, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Above ground fertilizer storage, below ground fuel
storage assumed greater than 500 gallons, ISFM #4 025233
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1700 ft. NE

APPENDIX: B4 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #7 (IEPA #45057)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
DS = POTENTIAL SECONDARY
DR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45057-08-0X
NAME & ADDRESS OF UNIT OWNER: Rantoul Power Co., Ohio Street, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Electric power generating plant, APC #73031898
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 900 ft. NE

WELL NO. - MAP CODE - CLASSF*: 45057-09
NAME & ADDRESS OF UNIT OWNER: Stan's Auto Sales, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2000 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45057-10
NAME & ADDRESS OF UNIT OWNER: Lee and Sons Import Service, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Foreign car repair shop
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2200 ft. ESE

WELL NO. - MAP CODE - CLASSF*: 45057-11
NAME & ADDRESS OF UNIT OWNER: Finney's Auto Body, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Autobody shop
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2050 ft. ESE

WELL NO. - MAP CODE - CLASSF*: 45057-12
NAME & ADDRESS OF UNIT OWNER: Goodyear Tire Co., 211 E. Sangamon, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Tire sales and auto repair, below ground tank, ISFM #4-012838
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1850 ft. ESE

WELL NO. - MAP CODE - CLASSF*: 45057-13
NAME & ADDRESS OF UNIT OWNER: Rantoul Radiator, Ohio St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Radiator repair
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1000 ft. E

WELL NO. - MAP CODE - CLASSF*: 45057-14
NAME & ADDRESS OF UNIT OWNER: Dewey's Auto Service, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto repair
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2050 ft. SE

APPENDIX: B4 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #7 (IEPA #45057)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45057-15
NAME & ADDRESS OF UNIT OWNER: Art's Camper Sales, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Camper sales, formerly a gas station
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2350ft. SE

WELL NO. - MAP CODE CLASSF*: 45057-16
NAME & ADDRESS OF UNIT OWNER: Clark Oil Co., Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Service station, below ground fuel storage assumed greater than 500 gallons, ISFM #4-009939
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2200 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45057-17
NAME & ADDRESS OF UNIT OWNER: Rogers Chevrolet, 101 East Congress, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales and service, below ground fuel tank, ISFM #4-008919
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1300 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45057-18
NAME & ADDRESS OF UNIT OWNER: Rantoul Motors, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales and service
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1000 ft. SE

APPENDIX: B5 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE
Rantoul Well #8 (IEPA #45058)

SURVEYOR: W. Boring
SURVEY DATE: 6/16/89

ADDRESS:
Village Hall
Box 38
Rantoul, Illinois 61866

AGENCY WELL NO: 45058
WELL NAME & DESC.: Well 8
TREATMENT APPLICATION POINT: 01
FACILITY NO. & NAME: 0190650 - Rantoul
FAC. PHONE NUMBER: 217/892-2710

LOCATION:

TWP, RNG, SECTION, 10 ACRE PLOT:
21N, 9E, 3, 4H

DISTANCE FROM CORNER: 5200N, 2400W
QUAD SHEET CODE & NAME: 119C Rantoul
MIN. SETBACK: 200 ft.

MAX. SETBACK:

SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: E - low permeability silty/clayey
till

AGE OF WELL (DATE WELL CONSTRUCTION): 1978

WELL DEPTH: 280 ft.

AQUIFER CODE: 1212 - sand and gravel aquifer

MULTIPLE AQUIFER (Y, N): No

SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: The survey area is mostly urban.
The area is a mixture of residential and open ground.

INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

APPENDIX: B5 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #8 (IEPA #45058)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 4S0S8-01
NAME & ADDRESS OF UNIT OWNER: United Fuel Co., N. Ohio, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Above ground bulk fuel, below ground fuel storage
assumed greater than 500 gallons, No ISFM #
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2750 ft. NE

WELL NO. - MAP CODE - CLASSF*: 4S0S8-02
NAME & ADDRESS OF UNIT OWNER: True Value Hardware/Rantoul Lumber N. Century,
Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Hardware store and lumber sales
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2650 ft. NE

WELL NO. - MAP CODE - CLASSF*: 4S0S8-03
NAME & ADDRESS OF UNIT OWNER: Rantoul Power Co., N. Ohio, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Transformer storage
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2300 ft. NE

WELL NO. - MAP CODE - CLASSF*: 4S0S8-04
NAME & ADDRESS OF UNIT OWNER: Firestone, N. Century, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto service center
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2850 ft. NE

WELL NO. - MAP CODE - CLASSF*: 4S0S8-05
NAME & ADDRESS OF UNIT OWNER: Unknown, formerly Amoco, Century St., Rantoul,
IL 61866
DESCRIPTION AND COMMENTS: Closed service station, ISFM #4-003773
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2500 ft. NE

WELL NO. - MAP CODE - CLASSF*: 4S0S8-06
NAME & ADDRESS OF UNIT OWNER: Morris Muffler, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto service center
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2650 ft. NE

WELL NO. - MAP CODE CLASSF*: 4S0S8-07-0S
NAME & ADDRESS OF UNIT OWNER: Illini FS, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Above ground fertilizer storage, below ground fuel
storage assumed greater than 500 gallons, ISFM #4-025233
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2060 ft. NE

APPENDIX: B5 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #8 (IEPA #45058)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45058-08-OX
NAME & ADDRESS OF UNIT OWNER: Rantoul Power Co., Ohio Street, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Electric power generating plant, APC #73031898
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1250 ft. ENE

WELL NO. - MAP CODE - CLASSF*: 45058-09
NAME & ADDRESS OF UNIT OWNER: Stan's Auto Sales, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2400 ft. E

WELL NO. - MAP CODE - CLASSF*: 45058-10
NAME & ADDRESS OF UNIT OWNER: Lee and Sons Import Service, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Foreign car repair shop
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2570 ft. ESE

WELL NO. - MAP CODE - CLASSF*: 45058-11
NAME & ADDRESS OF UNIT OWNER: Finney's Auto Body, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Autobody shop
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2400 ft. ESE

WELL NO. - MAP CODE - CLASSF*: 45058-12
NAME & ADDRESS OF UNIT OWNER: Goodyear Tire Co., 211 E. Sangamon, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Tire sales and auto repair, below ground tank, ISFM #4-012838
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2220 ft. ESE

WELL NO. - MAP CODE - CLASSF*: 45058-13
NAME & ADDRESS OF UNIT OWNER: Rantoul Radiator, Ohio St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Radiator repair
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1400 ft. ESE

WELL NO. - MAP CODE - CLASSF*: 45058-14
NAME & ADDRESS OF UNIT OWNER: Dewey's Auto Service, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto repair
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2400 ft. SE

APPENDIX: B5 INVENTORY AND SYNOPSIS OF UNITS Rantoul Well #8 (IEPA #45058)

Classification (CLASSF*) KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = POTENTIAL ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 45058-15
NAME & ADDRESS OF UNIT OWNER: Art's Camper Sales, Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Camper sales, formerly a gas station
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2700 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45058-16
NAME & ADDRESS OF UNIT OWNER: Clark Oil Co., Century St., Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Service station, below ground fuel storage assumed greater than 500 gallons, ISFM #4-009939
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 2600 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45058-17
NAME & ADDRESS OF UNIT OWNER: Rogers Chevrolet, 101 East Congress, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales and service, below ground fuel tank, ISFM #4-008919
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1700 ft. SE

WELL NO. - MAP CODE - CLASSF*: 45058-18
NAME & ADDRESS OF UNIT OWNER: Rantoul Motors, Rantoul, IL 61866
DESCRIPTION AND COMMENTS: Auto sales and service
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1250 ft. SE

APPENDIX C

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
FACILITY WELLS REPORT

REPORT: PWGWP053
MODULF: PWGWM027

PAGE: 1
DATE: 12/17/90

FACILITY: 0190650 RANTOUL

----- OWNER ----- OFFICIAL CUSTODIAN -----

KATY R. PODAGROSI

JOHN A. REALE

MAYOR, VILLAGE HALL

SUPERINTENDENT, VILLAGE HALL

PO BOX 38

PO BOX 38

RANTOUL

IL 61866

RANTOUL

IL 61866

WELL: 45053 WELL 3 IS SOUTH OF CENTER OF PLANT STATUS: ACTIVE DEPTH(FT): 137
LATITUDE: N40 18 45.0 LONGITUDE: W088 09 35.0 TWP: 22N RNG: 09E SEC: 34 PLOT: 2A
SUSCEPTIBILITY - LAND BURIAL: E SUSCEPTIBILITY - LAND SPREADING: D2 --- MINIMUM SETBACK(FT): 0200 ---

AQUIFFERS: QUATERNARY SYSTEM

WELL: 45054 WELL 4 NE OF PLANT SEALED AND ABANDONED STATUS: ABANDONED BACKUP DEPTH(FT): 150
LATITUDE: N40 18 48.0 LONGITUDE: W088 09 32.0 TWP: 22N RNG: 09E SEC: 34 PLOT: 2A

SUSCEPTIBILITY - LAND BURIAL: E SUSCEPTIBILITY - LAND SPREADING: D2 --- MINIMUM SETBACK(FT): NONE ---
AQUIFFERS: QUATERNARY SYSTEM

WELL: 45055 WELL 5 IS OFF SE CORNER OF PLANT STATUS: ACTIVE DEPTH(FT): 291
LATITUDE: N40 18 45.0 LONGITUDE: W088 09 32.0 TWP: 22N RNG: 09E SEC: 34 PLOT: 2A

SUSCEPTIBILITY - LAND BURIAL: E SUSCEPTIBILITY - LAND SPREADING: D2 --- MINIMUM SETBACK(FT): 0200 ---
AQUIFFERS: QUATERNARY SYSTEM

WELL: 45056 WELL 6 IS OF NE CORNER OF PLANT STATUS: ACTIVE BACKUP DEPTH(FT): 142
LATITUDE: N40 18 47.0 LONGITUDE: W088 09 32.0 TWP: 22N RNG: 09E SEC: 34 PLOT: 2A

SUSCEPTIBILITY - LAND BURIAL: E SUSCEPTIBILITY - LAND SPREADING: D2 --- MINIMUM SETBACK(FT): 0200 ---
AQUIFFERS: QUATERNARY SYSTEM

WELL: 45057 WELL 7 EAST WELL OF 2 AT PARK STATUS: ACTIVE DEPTH(FT): 279
LATITUDE: N40 18 41.0 LONGITUDE: W088 09 54.0 TWP: 21N RNG: 09E SEC: 03 PLOT: 3H

SUSCEPTIBILITY - LAND BURIAL: E SUSCEPTIBILITY - LAND SPREADING: D2 --- MINIMUM SETBACK(FT): 0200 ---
AQUIFFERS: QUATERNARY SYSTEM

WELL: 45058 WELL 8 WEST WELL OF 2 AT PARK STATUS: ACTIVE DEPTH(FT): 280
LATITUDE: N40 18 29.0 LONGITUDE: W088 09 38.0 TWP: 21N RNG: 09E SEC: 03 PLOT: 4H

SUSCEPTIBILITY - LAND BURIAL: E SUSCEPTIBILITY - LAND SPREADING: D2 --- MINIMUM SETBACK(FT): 0200 ---
AQUIFFERS: QUATERNARY SYSTEM

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
FACILITY WELLS REPORT

REPORT: PWGMP053
MODULE: PWGWM027

PAGE: 2
DATE: 12/17/90

FACILITY: 0190650 RANITOL

(CONTINUED)

SUSCEPTIBILITY CODES

LAND RUPIAL: E

= UNIFORM, RELATIVELY IMPERMEABLE SILTY OR CLAYEY TILL AT LEAST 50 FT THICK; NO EVIDENCE OF INTERBEDDED SAND AND GRAVEL.

LAND SPREADING: D2

= UNIFORM, RELATIVELY IMPERMEABLE SILTY OR CLAYEY TILL AT LEAST 20 FT THICK; NO EVIDENCE OF INTERBEDDED SAND AND GRAVEL.

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	

APPENDIX D

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	

COLL DATE: 03/01/83 DELIVERED BY:
LAB RCVD: 04/13/83 RECEIVED BY:
LAB COMPL: LAB SUPERVISOR:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: PWGWP049
MODULE: PWGWM026

PAGE: 2
DATE: 12/18/90

FACILITY: 0190650 RANTOUL

SMPL PRG: I-GWM INORG OBSRVATNS:

ANALYSIS PSLT NO NO DESCRIPTION

*** CONTINUED ***

SMPL PERIOD: 03/83 FUND CODE:

STANDARDS DRINK WTR RAW WTR TRIGGER LEVEL

UNITS

00035	CONDUCTIVITY(CEC)-LAB(UHMS)/CM @ 25 C	590.000	
00403	PH LABORATORY UNITS	7.800	
00410	ALKALINITY, TOTAL MG/L AS CACO3	371.000	
00610	NITROGEN, AMMONIA TOTAL MG/L AS N	1.900	
00630	NITRATE & NITRITE TOTAL MG/L AS N	0.100	10.000
00720	CYANIDE, TOTAL MG/L AS CN	0.005	0.200
00900	HARDNESS, EDTA MG/L AS CACO3	285.000	
00915	CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	58.000	
00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	38.500	
00923	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	19.000	
00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	1.900	
00940	CHLORIDE, TOTAL MG/L AS CL	1.000	
00945	SULFATE, TOTAL MG/L AS SO4	10.000	
00951	FLUORIDE, TOTAL MG/L AS F	0.290	4.000
00955	SILICA, TOTAL MG/L AS SiO2	12.000	
01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	95.000	50.000*
01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	81.000	1000.000
01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS RE ANAL BY ICP	0.500	
01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	230.000	
01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP	3.000	10.000
01036	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP	5.000	50.000
01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	5.000	
01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	17.000	5000.000
01045	IRON, TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP	2400.000	1000.000*
01051	LEAD, TOTAL RECOVERABLE UG/L AS PB	5.000	50.000
01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	87.000	150.000
01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP	3.000	
01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	5.000	
01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	760.000	50.000
01037	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	4.000	
01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	143.000	5000.000
01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE	1.000	10.000
70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	328.000	
70306	TOTAL DISSOLVED SOLIDS MG/L BY EC	350.000	
71903	MERCURY, TOTAL UG/L AS HG	0.050	2.000

SAMPLE NO: 076143100 LOCATION: RANTOUL/WEEL 3
SMPL TYPE: RAW COLLECTOR: W BORING
SMPL PURP: S-SPEC/JTHR COMMENTS: VGC'S
SMPL PRG: V-VOC OBSRVATNS: 2 VOC

COLL DATE: 12/16/87 DELIVERED BY: W B
LAB RCVD: 12/18/87 RECEIVED BY: D V
LAB COMPL: 12/30/87 LAB SUPERVISOR: JTH
SMPL PERIOD: 12/87 FUND CODE: PW30

*** CONTINUED ***

ANALYSIS		STREET		STANDARD		RAW WTR		TRIGGER	
IP	NO	NO	NO	NO	NO	NO	NO	NO	NO
431A	00	001	32106	CHLOROFORM UG/L GC/MS	1.000	<			
431A	00	002	32101	BROMODICHLOROMETHANE UG/L GC/MS	1.000	<			
431A	00	003	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	1.000	<			
431A	00	004	32104	BROMOFORM UG/L GC/MS	1.000	<			
431A	00	005	34423	METHYLENE CHLORIDE UG/L GC/MS	1.000	<			
431A	00	006	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	1.000	<			
431A	00	007	34495	1,1-DICHLOROETHANE UG/L GC/MS	1.000	<			
431A	00	008	34545	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	1.000	<			
431A	00	009	77279	1,2-DICHLOROETHANE UG/L GC/MS	1.000	<			
431A	00	010	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	1.000	<			
431A	00	011	32102	CARBON TETRACHLORIDE UG/L GC/MS	1.000	<			
431A	00	012	39180	TRICHLOROETHYLENE UG/L GC/MS	1.000	<			
431A	00	013	34475	TETRACHLOROETHYLENE UG/L GC/MS	1.000	<			
431A	00	014	34301	CHLOROBENZENE UG/L GC/MS	1.000	<			
431A	00	015	34715	DICHLOROBENZENE UG/L GC/MS	1.000	<			
431A	00	016	78124	BENZENE UG/L GC/MS	1.000	<			
431A	00	017	78131	TOLUENE UG/L GC/MS	1.000	<			
431A	00	018	78113	ETHYLBENZENE UG/L GC/MS	1.000	<			
431A	00	019	81551	XYLENE UG/L GC/MS	1.000	<			
5001200	001	72037		PUMPING RATE GPM	450.000	<			

STATUS: A
STATUS: A
STATUS: A

PUBLIC: Y
COMM: Y
TYPE WATER: G

FACILITY: 0190650 RANTOUL
TAP: C1 WATER PLANT
RAW SPEC: 45055 WELL 5 IS OFF SE CORNER OF PLANT

SAMPLE NO: Z001462
SMPL TYPE: RAW
SMPL PURP: 5-SPEC/OTHR
SMPL PRG: I-GWM INORG OBSRVATNS

COLL DATE: 03/10/87
LAB RCVD: 00/00/00
LAB COMPL: 00/00/00
SMPL PERIOD: 03/87

DELIVERED BY:
RECEIVED BY:
LAB SUPERVISOR:
FUND CODE:

ANALYSIS		STREET		STANDARD		RAW WTR		TRIGGER	
IP	NO	NO	NO	NO	NO	NO	NO	NO	NO
0000001	001	00610		NITROGEN, AMMONIA TOTAL MG/L AS N	1.900	<			
0000001	002	00630		NITRATE & NITRITE TOTAL MG/L AS N	0.100	<			
0000001	003	00665		PHOSPHORUS, TOTAL MG/L AS P	0.190	<			
0000001	004	00720		CYANIDE, TOTAL MG/L AS CN	0.010	<			
0000001	005	00916		CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	66.000	<			
0000001	006	00927		MAGNESIUM, TOTAL RECOVERABLE MG/L AS MA ANAL BY ICP	32.000	<			
0000001	007	00929		SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	28.000	<			
0000001	008	00937		POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	1.700	<			
0000001	009	00940		CHLORIDE, TOTAL MG/L AS CL	1.100	<			
0000001	010	00945		SULFATE, TOTAL MG/L AS SO4	10.000	<			
0000001	011	00951		FLUORIDE, TOTAL MG/L AS F	0.260	<			
0000001	012	00955		SILICA, TOTAL MG/L AS SiO2	13.000	<			
0000001	013	00955		SILICA, TOTAL RECOVERABLE MG/L AS SiO2	13.000	<			
0000001	014	01002		ARSENIC, TOTAL RECOVERABLE MG/L AS AS	56.000	<			

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: FWHMPC48
MODULE: FWHMPC26

PAGE: 4
DATE: 12/18/90

FACILITY: 0190650 RANTOUL

*** CONTINUED ***

0000001	015	01007	BARIIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	82.000	1000.000
0000001	016	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP	0.500	
0000001	017	01022	BARON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	494.000	
0000001	018	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB	3.000	10.000
0000001	019	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICB	5.000	50.000
0000001	020	01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	5.000	
0000001	021	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	5.000	5000.000
0000001	022	01045	IRON, TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP	1895.000	1000.000*
0000001	023	01051	LEAD, TOTAL RECOVERABLE UG/L AS PB	5.000	50.000
0000001	024	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	86.000	150.000
0000001	025	01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP	5.000	
0000001	026	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	3.000	50.000
0000001	027	01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	582.000	
0000001	028	01097	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	5.000	
0000001	029	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	50.000	5000.000
0000001	030	01105	ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP	50.000	
0000001	031	01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE	1.000	10.000
0000001	032	32730	PHENOLS, TOTAL RECOVERABLE UG/L	5.000	
0000001	033	70320	RESIDUE, TOTAL FILTERABLE 180 C, MG/L	407.000	
0000001	034	71900	MERCURY, TOTAL UG/L AS HG	0.100	2.000
0000001	035	00010	WATER TEMPERATURE DEG C	13.500	
0000001	036	00053	FLOW (PUMPING) RATE GAL/MIN	60.000	
0000001	037	00095	CONDUCTIVITY(CEC)-LAB(CUMHOS)/CM @ 25 C	270.000	
0000001	038	00400	PH PH UNITS	7.400	
0000001	039	72006	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	145.000	
0000001	040	30410		358.000	

SAMPLE NO: R027724
SMPL TYPE: RAW
SMPL PURP: 1-ROUTINE
SMPL PRPG: I-GWM INDRG OBSRVATNS:

LOCATION: WELL #5

COLLECTOR: ROBERT ROSENBECK

COMMENTS:

COLL DATE: 03/01/83
LAB RCVD: 04/13/83
LAB COMPL:
SMPL PERIOD: 03/93

DELIVERED BY:

RECEIVED BY:

LAB SUPERVISOR:

FUND CODE:

ANALYSIS RSLT -----STRET-----
ID NO NO DESCRIPTION

UNITS

TRIGGER
LEVEL

STANDARDS
RAW WTR

ORINK WTR

RESULT

00005	CONDUCTIVITY(CEC)-LAB(CUMHOS)/CM @ 25 C	620.000
00403	PH LABORATORY UNITS	7.800
00410	ALKALINITY, TOTAL MG/L AS CAC03	375.000
00610	NITROGEN, AMMONIA TOTAL MG/L AS N	2.200
00630	NITRATE & NITRITE, TOTAL MG/L AS N	0.100
00720	CYANIDE, TOTAL MG/L AS CN	0.005
00900	HARDNESS, EDTA MG/L AS CAC03	285.000
00916	CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	65.000
00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	34.400
00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	28.000
00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	1.900
00940	CHLORIDE, TOTAL MG/L AS CL	1.000
00945	SULFATE, TOTAL MG/L AS S04	10.000
00951	FLUORIDE, TOTAL MG/L AS F	0.190
00956	SILICA, TOTAL MG/L AS S102	16.000

4.000

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: PWSWPD048
MODULE: PWSWPD026

PAGE: 6
DATE: 12/18/90

FACILITY: C140650 FANTOUL

*** CONTINUED ***

0000001 C22 72004 FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN
0000001 023 90410

FACILITY: C190650 RANTOUL

TAP: 01 WATER PLANT

RAW SPEC: 45056 WELL 6 IS OF NE CORNER OF PLANT

STATUS: A
STATUS: A
STATUS: A

PUBLIC: Y COMM: Y TYPE WATER: 6

SAMPLE NO: Z00145
SMPL TYPE: RAW
SMPL PURP: 5-SPEC/JTHR COMMENTS:
SMPL PRGS: I-GWM INORG OBSRVATNS:

COLL DATE: 03/10/87 DELIVERED BY:
LAB RCVD: 00/00/00 RECEIVED BY:
LAB COMPL: 00/00/00 LAB SUPERVISOR:
SMPL PERIOD: 03/87 FUND CODE:

ANALYSIS SLT ---STRET---
IN WC NC NO DESCRIPTION

---STANDARDS---
DRINK WTR RAW WTR TRIGGER LEVEL

0000001	C01	00610	NITROGEN,AMMONIA TOTAL MG/L AS N	1.800		
0000001	C02	00630	NITRATE & NITRITE TOTAL MG/L AS N	0.100 <	10.000	
0000001	C03	00665	PHOSPHORUS, TOTAL MG/L AS P	0.190		
0000001	C04	00720	CYANIDE,TOTAL MG/L AS CN	0.010 <	0.200	
0000001	C05	00915	CALCIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	77.000		
0000001	C06	00927	MAGNESIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	29.000		
0000001	C07	00929	SODIUM,TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	31.000		
0000001	C08	00937	POTASSIUM,TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	2.000		
0000001	C09	00940	CHLORIDE,TOTAL MG/L AS CL	1.000		
0000001	C10	00945	SULFATE,TOTAL MG/L AS SO4	10.000 <	4.000	
0000001	C11	00951	FLUORIDE,TOTAL MG/L AS F	0.200		
0000001	C12	00956	SILICA,TOTAL MG/L AS SI02	18.000		
0000001	C13	00956	SILICA,TOTAL MG/L AS SI02	18.000		
0000001	C14	01002	ARSENIC,TOTAL RECOVERABLE UG/L AS AS	1.000 <	50.000	
0000001	C15	01007	BERYLLIUM,TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	107.000	1000.000	
0000001	C16	01012	BERYLLIUM,TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	0.500 <		
0000001	C17	01022	RODENT,TOTAL RECOVERABLE UG/L AS R ANAL BY ICP	674.000		
0000001	C18	01027	CADMIUM,TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP	3.000 <	10.000	
0000001	C19	01034	CHROMIUM,TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP	5.000 <	50.000	
0000001	C20	01037	COBALT,TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	5.000 <		
0000001	C21	01042	COPPER,TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	5.000 <	5000.000	
0000001	C22	01045	IRON,TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP	1071.000	1000.000*	
0000001	C23	01051	LEAD,TOTAL RECOVERABLE UG/L AS P8	5.000 <	50.000	
0000001	C24	01055	MANGANESE,TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	36.000	150.000	
0000001	C25	01067	NICKEL,TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP	5.000 <		
0000001	C26	01077	SILVER,TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	3.000 <	50.000	
0000001	C27	01082	STRONTIUM,TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	393.000		
0000001	C28	01087	VANADIUM,TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	5.000 <		
0000001	C29	01092	ZINC,TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	50.000 <	5000.000	
0000001	C30	01105	ALUMINUM,TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP	50.000 <		
0000001	C31	01147	SELENIUM,TOTAL RECOVERABLE UG/L AS SE	1.000 <	10.000	
0000001	C32	32730	PHENOLS, TOTAL RECOVERABLE UG/L	5.000 <		
0000001	C33	70300	RESIDUE,TOTAL FILTERABLE 0100 C,MG/L	432.000		
0000001	C34	71900	MERCURY,TOTAL UG/L AS HG	0.050 <	2.000	
0000001	C35	00010	WATER TEMPERATURE DEG C	13.500		

*** CONTINUED ***

COLL DATE: 03/01/83 DELIVERED BY:
LAB RCVD: 04/13/83 RECEIVED BY:
LAB COMPL: LAB SUPERVISOR:
SMPLE PERIOD: 03/83 FUND CODE:

-----STANDARDS-----
ORINK WTR RAW WTR

CONDUCTIVITY(EC)-LAB(UMHQS/CM @ 25 C	PH LABORATORY UNITS	ALKALINITY,TOTAL MG/L AS CACCO3	NITROGEN,AMMONIA TOTAL MG/L AS N	NITRATE & NITRITE TOTAL MG/L AS N	CYANIDE,TOTAL MG/L AS CN	HARDNESS,EDTA MG/L AS CACCO3	CALCIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	MAGNESIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	SODIUM,TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	POTASSIUM,TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	CHLORIDE,TOTAL MG/L AS CL	SULFATE,TOTAL MG/L AS SO4	FLUORIDE,TOTAL MG/L AS F	SILICA,TOTAL MG/L AS SiO2	ARSENIC,TOTAL RECOVERABLE UG/L AS AS	BARIUM,TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	BERYLLIUM,TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP	BORON,TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	CAESIUM,TOTAL RECOVERABLE UG/L AS CS ANAL BY ICP	CHROMIUM,TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP	COBALT,TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	COPPER,TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	IRON,TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP	LEAD,TOTAL RECOVERABLE UG/L AS PB	MANGANESE,TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	NICKEL,TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP	SILVER,TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	STRONTIUM,TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	VANADIUM,TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	ZINC,TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	SELENIUM,TOTAL RECOVERABLE UG/L AS SE	PESIQUE,TOTAL FILTERABLE @180 C, MG/L	TOTAL DISSOLVED SOLIDS MG/L BY EC	MERCURY,TOTAL UG/L AS HG		
00035																																				
00040																																				
00060																																				
00063																																				
00070																																				
00090																																				
00091																																				
00092																																				
00099																																				
00093																																				
00094																																				
00095																																				
00095																																				
01002																																				
01007																																				
01007																																				
01012																																				
01022																																				
01027																																				
01036																																				
01037																																				
01042																																				

FACILITY: 0190650 04NYJUL

SAMPLE NO:	Z001457	LOCATION:	WELL
SAMPL TYPE:	RAW	COLLECTOR:	IEPA
SMPL PURP:	5-SPEC/3THR	COMMENTS:	SMPL COLLECTOR
SMPL PROG:	V-VOC	OBSRVATNS:	

COLL DATE: 03/10/87 DELIVERED BY:
LAB RCVD: 00/00/00 RECEIVED BY:
LAB COMPL: 00/00/00 LAB SUPERVISOR:
SAMPL PERIOD: 03/87 FUND CODE:

*** CONTINUED ***

ANALYSIS	RSLT	-----STORET-----
IC	NC	NC DESCRIPTION

0000001	301	32101	BROMODICHLOROMETHANE	UG/L	CG/MS
0000001	002	32102	CARBON TETRACHLORIDE	UG/L	CG/MS
0000001	003	32103	1,2-DICHLOROETHANE	UG/L	
0000001	004	32104	BROMOFORM	UG/L	CG/MS
0000001	005	32105	OIBROMOCHLOROMETHANE	UG/L	GC/MS
0000001	006	32105	CHLOROFORM	UG/L	GC/MS
0000001	007	34010	TOLUENE	UG/L	
0000001	008	34030	BENZENE	UG/L	
0000001	009	34301	CHLOROBENZENE	UG/L	
0000001	010	34371	ETHYLBENZENE	UG/L	
0000001	011	34423	METHYLENE CHLORIDE	UG/L	
0000001	012	34475	TETRACHLOROETHYLENE	UG/L	GC/MS
0000001	013	34495	1,1-DICHLOROETHANE	UG/L	GC/MS
0000001	014	34501	1,1-DICHLOROETHYLENE	UG/L	GC/MS
0000001	015	34505	TRANS-1,1-TRICHLOROETHANE	UG/L	GC/MS
0000001	016	34546	TRANS-1,2-DICHLOROETHYLENE	UG/L	GC/MS
0000001	017	39180	TRICHLOROETHYLENE	UG/L	
0000001	018	00010	WATER TEMPERATURE	DEG C	
0000001	019	00059	FLOW (PUMPING)	RATE	GAL/MIN
0000001	020	00090	OXIDATION-REDUCTION	POTENTIAL	(EH) MILI
0000001	021	00095	CONDUCTIVITY(CEC)-LAB	CUMHOS/CM	3 25 C
0000001	022	00040	PH	PH UNITS	
0000001	023	72006	FLOW (PUMPING)	TIME	PRIOR TO SAMPLING
0000001	024	90410			

FACILITY: 0190650 RANTOUL
TAP: 01 WATER PLANT
RAW SOC: 45057 WELL 7 EAST

STATUS: A
STATUS: A
STATUS: A

PUBLIC: Y COMM: Y TYPE WATER: G

WELL OF 2 AT PARK

SAMPLE ID:	Z001452	LOCATION:	WELL
SMFL TYPE:	RAW	COLLECTOR:	IEPA
SMPL PURP:	S-SPEC/JTHR	COMMENTS:	
SMFL PROG:	I-GWM INORG	OBSRVATNS:	

COLL DATE:	02/21/85	DELIVERED BY:	
LAB RCVD:	00/00/00	RECEIVED BY:	
LAB COMPL:	00/00/00	LAB SUPERVISOR:	
SAMPL PERIOD:	02/85	FUND CODE:	

ANALYSIS	RESULT	SECRET	DESCRIPTION
10	NO	NO	

00000001	00610	NITROGEN,AMMONIA	TOTAL	MG/L	AS N
00000001	00630	NITRATE & NITRITE	TOTAL	MG/L	AS N
00000001	00645	PHOSPHORUS,	TOTAL	MG/L	AS P
00000001	00670	CYANIDE,	TOTAL	MG/L	AS CN
00000001	00915	CALCIUM,	TOTAL RECOVERABLE	MG/L	AS

[illegible]

2.300	<	10.000
0.100	<	0.200
0.360	<	
73.000		

*** CONTINUED ***

0100001	006	00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	30.000
0000001	007	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	36.000
0000001	008	00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	1.900
0000001	009	00940	CHLORIDE, TOTAL MG/L AS CL	1.700
0000001	010	00945	SULFATE, TOTAL MG/L AS SO4	10.000 <
0000001	011	00951	FLUORIDE, TOTAL MG/L AS F	0.200
0000001	012	00956	SILICA, TOTAL MG/L AS SiO2	4.000
0000001	013	01032	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	16.000
0000001	014	01037	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	1.000 <
0000001	015	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP	113.000
0000001	016	01022	RORON, TOTAL RECOVERABLE UG/L AS R ANAL BY ICP	2.000 <
0000001	017	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP	594.000
0000001	018	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP	3.000 <
0000001	019	01037	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	5.000 <
0000001	020	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	5.000 <
0000001	021	01045	IRON, TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP	5.000 <
0000001	022	01051	LEAD, TOTAL RECOVERABLE UG/L AS PB	1171.000
0000001	023	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	5.000 <
0000001	024	01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP	45.000
0000001	025	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	11.000
0000001	026	01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	3.000 <
0000001	027	01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	500.000
0000001	028	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	5.000 <
0000001	029	01105	ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP	50.000 <
0000001	030	01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE	50.000 <
0000001	031	01273	PHENOLS, TOTAL RECOVERABLE UG/L	1.000 <
0000001	032	01300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	5.000 <
0000001	033	01900	MERCURY, TOTAL UG/L AS HG	381.000
0000001	034	00010	WATER TEMPERATURE DEG C	0.100 <
0000001	035	00059	FLOW (PUMPING) RATE GAL/MIN	14.000
0000001	036	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	924.000
0000001	037	00095	CONDUCTIVITY(CEC)-LAB(CUMH7S)/CM @ 25 C	170.000-
0000001	038	00400	PH PH UNITS	650.000
0000001	039	00410	ALKALINITY, TOTAL MG/L AS CaCO3	6.900
0000001	040	02004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	380.000
0000001	041	02013	DEPTH FROM LAND SURFACE TO WATER SURFACE	1440.000
0000001	042	00410		129.000
				376.000

SAMPLE NO: Z001451
SMPL TYPE: RAW
SMPL PURP: 5-SPEC/OTHR
SMPL PRG: I-GWM INORG O3SRVATNS:

COLL DATE: 10/30/84
LAB RCVD: 00/00/00
LAB COMPL: 00/00/00
SMPL PERIOD: 10/84

DELIVERED BY:
RECEIVED BY:
LAB SUPERVISOR:
FUND CODE:

ANALYSIS RSLT NO NO DESCRIPTION

0000001	001	00610	NITROGEN, AMMONIA TOTAL MG/L AS N
0000001	002	00630	NITRATE & NITRITE TOTAL MG/L AS N
0000001	003	00655	PHOSPHORUS, TOTAL MG/L AS P
0000001	004	00720	CYANIDE, TOTAL MG/L AS CN

STANDARDS-----
DRINK WTR
RAW WTR
TRIGGER
LEVEL

RESULT	UNITS
2.600	
0.100 <	
10.000	
0.330	
0.010 <	
0.200	

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: PWSM0048
MODULE: PWSM0026

PAGE: 10
DATE: 12/18/90

FACILITY: C190650 RANTOUL

*** CONTINUED ***

0000001 005 00916 CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP
0000001 006 00927 MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP
0000001 007 00929 SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP
0000001 008 00937 POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP
0000001 009 00940 CHLORIDE, TOTAL MG/L AS CL
0000001 010 00945 SULFATE, TOTAL MG/L AS SO4
0000001 011 00951 FLUORIDE, TOTAL MG/L AS F
0000001 012 00955 SILICA, TOTAL MG/L AS SiO2
0000001 013 01002 ARSENIC, TOTAL RECOVERABLE UG/L AS AS
0000001 014 01007 BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP
0000001 015 01012 BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP
0000001 016 01022 BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP
0000001 017 01027 CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP
0000001 018 01034 CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP
0000001 019 01037 COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP
0000001 020 01042 COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP
0000001 021 01045 IRON, TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP
0000001 022 01055 MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP
0000001 023 01067 NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP
0000001 024 01077 SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP
0000001 025 01082 STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP
0000001 026 01087 VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP
0000001 027 01092 ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP
0000001 028 01105 ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP
0000001 029 01147 SELENIUM, TOTAL RECOVERABLE UG/L AS SE
0000001 030 32730 PHENOLS, TOTAL RECOVERABLE UG/L
0000001 031 70300 RESIDUE, TOTAL FILTERABLE @180 C, MG/L
0000001 032 71900 MERCURY, TOTAL UG/L AS HG
0000001 033 00010 WATER TEMPERATURE DEG C
0000001 034 00059 FLOW (PUMPING) RATE GAL/MIN
0000001 035 00095 CONDUCTIVITY (EC)-LAB(CUMH2S)/CM @ 25 C
0000001 036 00400 PH PH UNITS
0000001 037 00410 ALKALINITY, TOTAL MG/L AS CaCO3
0000001 038 72004 FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN
0000001 039 90410

SAMPLE NO: Z001450 LOCATION: WELL
SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR
SMPL PURP: 5-SPEC/OTHR COMMENTS:
SMPL PRCG: I-GWM INORG OBSRVATNS:

COLL DATE: 08/07/84 DELIVERED BY:
LAB RCVD: 00/00/00 RECEIVED BY:
LAB COMPL: 00/00/00 LAB SUPERVISOR:
SMPL PERIOD: 08/84 FUND CODE:

ANALYSIS RSLT NO NO DESCRIPTION

UNITS

-----STORET-----
RESULT ORINK MTR RAW MTR TRIGGER
LEVEL

0000001 001 00610 NITROGEN, AMMONIA TOTAL MG/L AS N
0000001 002 00630 NITRATE & NITRITE TOTAL MG/L AS N
0000001 003 00665 PHOSPHORUS, TOTAL MG/L AS P
0000001 004 00720 CYANIDE, TOTAL MG/L AS CN
0000001 005 00916 CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP
0000001 006 00927 MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP

2.300
0.100 <
0.830
0.010 <
81.000
34.000

10.000
0.200

FACILITY: 0190650 RANTOUL

*** CONTINUED ***

0000001	007	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP
0000001	008	00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP
0000001	009	00940	CHLORIDE, TOTAL MG/L AS CL
0000001	010	00945	SULFATE, TOTAL MG/L AS S04
0000001	011	00956	SILICA, TOTAL MG/L AS S102
0000001	012	01072	ARSENIC, TOTAL RECOVERABLE UG/L AS AS
0000001	013	01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP
0000001	014	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP
0000001	015	01022	BORON, TOTAL RECOVERABLE UG/L AS 3 ANAL BY ICP
0000001	016	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP
0000001	017	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP
0000001	018	01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP
0000001	019	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP
0000001	020	01045	IRON, TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP
0000001	021	01051	LEAD, TOTAL RECOVERABLE UG/L AS PB
0000001	022	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP
0000001	023	01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP
0000001	024	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP
0000001	025	01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP
0000001	026	01097	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP
0000001	027	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP
0000001	028	01105	ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP
0000001	029	01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE
0000001	030	32730	PHENOLS, TOTAL RECOVERABLE UG/L
0000001	031	70300	RESIDUE, TOTAL FILTERABLE 3180 C, MG/L
0000001	032	71900	MERCURY, TOTAL UG/L AS HG
0000001	033	00010	WATER TEMPERATURE DEG C
0000001	034	00059	FLOW (PUMPING) RATE GAL/MIN
0000001	035	00030	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS
0000001	036	00035	CONDUCTIVITY (EC)-LAB (UMHDS)/CM @ 25 C
0000001	037	00400	PH PH UNITS
0000001	038	00410	ALKALINITY, TOTAL MG/L AS CAC03
0000001	039	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN
0000001	040	72019	DEPTH FROM LAND SURFACE TO WATER SURFACE
0000001	041	90410	

SAMPLE NO: 2001449
SMPL TYPE: RAW
SMPL PURP: 5-SPEC/0THR
SMPL PRG: I-GWM INCRG OBSRVATNS:
LOCATION: WELL
COLLECTOR: IEPA SMPL COLLECTOR
COMMENTS:

COLL DATE: 04/04/84
LAB RCVD: 00/00/00
LAB COMPL: 00/00/00
SMPL PERIOD: 04/84
DELIVERED BY:
RECEIVED BY:
LAB SUPERVISOR:
FUND CODE:

ANALYSIS PSLT -----STORET-----
ID NO NO NO DESCRIPTION

STANDARDS-----
ORINK WTR RAW WTR TRIGGER
LEVEL

0000001	001	00610	NITROGEN, AMMONIA TOTAL MG/L AS N
0000001	002	00630	NITRATE & NITRITE TOTAL MG/L AS N
0000001	003	00655	PHOSPHORUS, TOTAL MG/L AS P
0000001	004	00720	CYANIDE, TOTAL MG/L AS CN
0000001	005	00915	CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP
0000001	006	00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP

RESULT	ORINK WTR	RAW WTR	TRIGGER LEVEL
0.780			
0.100 <	10.000		
0.210			
0.010 <	0.200		
68.000			
28.000			

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: PWGWPJ48
MODULE: PWGWM025

PAGE: 12
DATE: 12/18/90

FACILITY: 0190650 RANIGUL			*** CONTINUED ***		
0000001	007	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	35.000	1
0000001	008	00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	2.800	2
0000001	009	00940	CHLORIDE, TOTAL MG/L AS CL	1.000	3
0000001	010	00945	SULFATE, TOTAL MG/L AS SO4	10.000	4
0000001	011	00951	FLUORIDE, TOTAL MG/L AS F	0.230	5
0000001	012	00956	SILICA, TOTAL MG/L AS SiO2	16.000	6
0000001	013	01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	2.000	7
0000001	014	01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	121.000	8
0000001	015	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP	1.000	9
0000001	016	01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	577.000	10
0000001	017	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP	3.000	11
0000001	018	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP	5.000	12
0000001	019	01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	5.000	13
0000001	020	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	5.000	14
0000001	021	01045	IRON, TOTAL RECOVERABLE, UG/L AS FE ANAL BY ICP	5.000	15
0000001	022	01051	LEAD, TOTAL RECOVERABLE UG/L AS PB	1226.000	16
0000001	023	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	5.000	17
0000001	024	01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP	45.000	18
0000001	025	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	10.000	19
0000001	026	01092	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	3.000	20
0000001	027	01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	480.000	21
0000001	028	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	5.000	22
0000001	029	01105	ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP	50.000	23
0000001	030	01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE	50.000	24
0000001	031	32730	PHENOLS, TOTAL RECOVERABLE UG/L	1.000	25
0000001	032	70300	RESIDUE, TOTAL FILTERABLE 3180 C, MG/L	5.000	26
0000001	033	71900	MERCURY, TOTAL UG/L AS HG	0.100	27
0000001	034	00010	WATER TEMPERATURE DEG C	2.000	28
0000001	035	00059	FLOW (PUMPING) RATE GAL/MIN	12.500	29
0000001	036	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	660.000	30
0000001	037	00035	CONDUCTIVITY(EC)-LAB(CUMHDS/CM @ 25 C	128.000	31
0000001	038	00400	PH PH UNITS	660.000	32
0000001	039	00410	ALKALINITY, TOTAL MG/L AS CaCO3	7.500	33
0000001	040	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	401.000	34
0000001	041	90410		1440.000	35
				387.000	36
					37
					38
					39
					40
					41
					42
					43
					44
					45
					46
					47
					48
					49
					50
					51
					52
					53
					54
					55
					56
					57
					58
					59
					60

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: PWGMP048
MODULE: PWGMMC26

PAGE: 13
DATE: 12/18/90

FACILITY: C190650 RANTOUL
TAP: 01 WATER PLANT
RAW SRCE: 45059 WELL 8 WEST WELL OF 2 AT PARK
STATUS: A
STATUS: A
STATUS: A
PUBLIC: Y
COMM: Y
TYPE WATER: G

SAMPLE NO: I001454
SMPL TYPE: RAW
SMPL PURP: 5-SPEC/DTHR
SMPL PROG: I-GWM INORG ORSRVATNS:
COLLECTOR: IEPA SMPL COLLECTOR
COMMENTS:
COLL DATE: 03/10/87
LAB RCVD: 00/00/00
LAB COMPL: 00/00/00
SMPL PERIOD: 03/87
DELIVERED BY:
RECEIVED BY:
LAB SUPERVISOR:
FUND CODE:

ID	ANALYSIS	RSLT	NO	NO	DESCRIPTION	UNITS	RESULT	STANDARDS			TRIGGER LEVEL
								DRINK WTR	RAW WTR		
0000001	001	00610	NITROGEN, AMMONIA	TOTAL	MG/L AS N		2.900				
0000001	002	00630	NITRATE & NITRITE	TOTAL	MG/L AS N		0.100	<	10.000		
0000001	003	00665	PHOSPHORUS	TOTAL	MG/L AS P		0.490				
0000001	004	00720	CYANIDE	TOTAL	MG/L AS CN		0.010	<	0.200		
0000001	005	00916	CALCIUM	TOTAL	RECOVERABLE	MG/L AS CA ANAL BY ICP	75.000				
0000001	006	00927	MAGNESIUM	TOTAL	RECOVERABLE	MG/L AS CA ANAL BY ICP	30.000				
0000001	007	00929	SODIUM	TOTAL	RECOVERABLE	MG/L AS NA ANAL BY ICP	36.000				
0000001	008	00937	POTASSIUM	TOTAL	RECOVERABLE	MG/L AS K ANAL BY ICP	2.200				
0000001	009	00940	CHLORIDE	TOTAL	MG/L AS CL		1.000	<			
0000001	010	00945	SULFATE	TOTAL	MG/L AS SO4		10.000	<			
0000001	011	00951	FLUORIDE	TOTAL	MG/L AS F		0.220		4.000		
0000001	012	00956	SILICA	TOTAL	MG/L AS SiO2		16.000				
0000001	013	00956	SILICA	TOTAL	MG/L AS SiO2		16.000				
0000001	014	01002	ARSENIC	TOTAL	RECOVERABLE	UG/L AS AS	4.000		50.000		
0000001	015	01007	BARIUM	TOTAL	RECOVERABLE	UG/L AS BA ANAL BY ICP	144.000		1000.000		
0000001	016	01012	BERYLLIUM	TOTAL	RECOVERABLE	UG/L AS BE ANAL BY ICP	0.500	<			
0000001	017	01022	PORON	TOTAL	RECOVERABLE	UG/L AS B ANAL BY ICP	796.000				
0000001	018	01027	CADMIUM	TOTAL	RECOVERABLE	UG/L AS CD ANAL BY ICP	3.000	<	10.000		
0000001	019	01034	CHROMIUM	TOTAL	RECOVERABLE	UG/L AS CR ANAL BY ICP	5.000	<	50.000		
0000001	020	01037	COBALT	TOTAL	RECOVERABLE	UG/L AS CO ANAL BY ICP	6.000				
0000001	021	01042	COPPER	TOTAL	RECOVERABLE	UG/L AS CU ANAL BY ICP	5.000	<	5000.000		
0000001	022	01045	IRON	TOTAL	RECOVERABLE	UG/L AS FE ANAL BY ICP	2061.000		1000.000#		
0000001	023	01051	LEAD	TOTAL	RECOVERABLE	UG/L AS PB	5.000	<	50.000		
0000001	024	01055	MANGANESE	TOTAL	RECOVERABLE	UG/L AS MN ANAL BY ICP	60.000		150.000		
0000001	025	01067	NICKEL	TOTAL	RECOVERABLE	UG/L AS NI ANAL BY ICP	5.000	<			
0000001	026	01077	SILVER	TOTAL	RECOVERABLE	UG/L AS AG ANAL BY ICP	3.000	<	50.000		
0000001	027	01032	STRONTIUM	TOTAL	RECOVERABLE	UG/L AS SR ANAL BY ICP	559.000				
0000001	028	01087	VANADIUM	TOTAL	RECOVERABLE	UG/L AS V ANAL BY ICP	5.000	<			
0000001	029	01092	ZINC	TOTAL	RECOVERABLE	UG/L AS ZN ANAL BY ICP	50.000	<	5000.000		
0000001	030	01105	ALUMINUM	TOTAL	RECOVERABLE	UG/L AS AL ANAL BY ICP	50.000	<			
0000001	031	01147	SELENIUM	TOTAL	RECOVERABLE	UG/L AS SE	1.000	<	10.000		
0000001	032	32730	PHENOLS	TOTAL	RECOVERABLE	UG/L	5.000	<			
0000001	033	70300	RESIDUE	TOTAL	FILTERABLE @180 C	MG/L	410.000				
0000001	034	71900	MERCURY	TOTAL	UG/L AS HG		0.050	<	2.000		
0000001	035	00010	WATER TEMPERATURE	DEG C			13.500				
0000001	036	00039	FLOW (PUMPING)	RATE	GAL/MIN		1040.000				
0000001	037	00095	CONDUCTIVITY(CEC)	-LAB(CUMHOS/CM @ 25 C			280.000				
0000001	038	00400	PH	PH UNITS			7.200				
0000001	039	72004	FLOW (PUMPING)	TIME PRIOR TO SAMPLING	MIN		215.000				
0000001	040	90410					392.000				

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

PAGE: 14
DATE: 12/18/90

REPORT: FWGWP049
MODULE: FWGWM026

FACILITY: 0190650 RANTOUL

*** CONTINUED ***

SAMPLE NO: 2001453
SMPL TYPE: RAW
SMPL PURP: S-SPEC/DTHR
SMPL PROG: V-VOC
LOCATION: WELL
COLLECTOR: IEPA SMPL COLLECTOR
COMMENTS:
OBSRVATNS:

COLL DATE: 03/10/87
LAB RCVD: 00/00/00
LAB COMPL: 00/00/00
SMPL PERIOD: 03/87
DELIVERED BY:
RECEIVED BY:
LAB SUPERVISOR:
FUND CODE:

ANALYSIS RSLT NO NO NO DESCRIPTION

UNITS RESULT ORINK WTR RAW WTR TRIGGER LEVEL

0000001	001	32101	BROMOCHLOROMETHANE UG/L CG/MS	1.000	<		
0000001	002	32102	CARBON TETRACHLORIDE UG/L CG/MS	1.000	<	5.000	
0000001	003	32103	1,2-DICHLOROETHANE UG/L	1.000	<	5.000	
0000001	004	32104	BROMOFORM UG/L CG/MS	1.000	<		
0000001	005	32105	DIBROMOCHLOROMETHANE UG/L CG/MS	1.000	<		
0000001	006	32106	CHLOROFORM UG/L CG/MS	1.000	<		
0000001	007	34010	TOLUENE UG/L	1.000	<		
0000001	008	34030	BENZENE UG/L	1.000	<	5.000	
0000001	009	34301	CHLOROBENZENE UG/L	1.000	<		
0000001	010	34371	ETHYLBENZENE UG/L	1.000	<		
0000001	011	34423	METHYLENE CHLORIDE UG/L	1.000	<		
0000001	012	34475	TETRACHLOROETHYLENE UG/L GC/MS	1.000	<		
0000001	013	34496	1,1-DICHLOROETHANE UG/L GC/MS	1.000	<		
0000001	014	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	1.000	<	7.000	
0000001	015	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	1.000	<	200.000	
0000001	016	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	1.000	<		
0000001	017	39180	TRICHLOROETHYLENE UG/L	1.000	<	5.000	
0000001	018	00010	WATER TEMPERATURE DEG C	13.500			
0000001	019	00059	FLOW (PUMPING) RATE GAL/MIN	1040.000			
0000001	020	00095	CONDUCTIVITY(CE)-LABCUMHOS/CM @ 25 C	280.000			
0000001	021	00400	PH PH UNITS	7.200			
0000001	022	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	215.000			
0000001	023	90410		392.000			

FACILITY: 0190650 RANTOUL

STATUS: A
STATUS: A
STATUS: A

PUBLIC: Y COMM: Y TYPE WATER: G

DELIVERED BY:
RECEIVED BY:
LAB SUPERVISOR:
FUND CODE:

TAP: 02
RAW SOURCE: 45057 WELL 7 EAST

WELL OF 2 AT PARK

SAMPLE NO: 8027723
SMPL TYPE: RAW
SMPL PURP: I-ROUTINE
SMPL PROG: I-GWM INORG OBSRVATNS:
LOCATION: WELL #7
COLLECTOR: BOB ROSENBECK
COMMENTS:
OBSRVATNS:

COLL DATE: 03/01/83
LAB RCVD: 04/13/83
LAB COMPL:
SMPL PERIOD: 03/83
DELIVERED BY:
RECEIVED BY:
LAB SUPERVISOR:
FUND CODE:

ANALYSIS RSLT NO NO NO DESCRIPTION

UNITS RESULT ORINK WTR RAW WTR TRIGGER LEVEL

00095			CONDUCTIVITY(CE)-LABCUMHOS/CM @ 25 C	670.000			
00423			PH LABORATORY UNITS	8.000			
00410			ALKALINITY, TOTAL MG/L AS CaCO3	400.000			
03610			NITROGEN, AMMONIA TOTAL MG/L AS N	2.800			
03530			NITRATE & NITRITE TOTAL MG/L AS N	0.100	<	10.000	
00720			CYANIDE, TOTAL MG/L AS CN	0.005	<	0.200	

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: PWGWP0348
MODULE: PWGWM026

PAGE: 15
DATE: 12/18/90

FACILITY: J190650 RANTOUL

*** CONTINUED ***

00903 HARDNESS, EDTA MG/L AS CaCO3
00916 CALCIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP
00927 MAGNESIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP
00929 SODIUM, TOTAL RECOVERABLE MG/L AS Na ANAL BY ICP
00937 POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP
00940 CHLORIDE, TOTAL MG/L AS CL
00945 SULFATE, TOTAL MG/L AS SO4
00951 FLUORIDE, TOTAL MG/L AS F
00956 SILICA, TOTAL MG/L AS SiO2
01002 ARSENIC, TOTAL RECOVERABLE UG/L AS AS
01007 BARIUM, TOTAL RECOVERABLE UG/L AS Ba ANAL BY ICP
01012 RERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP
01022 BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP
01027 CADMIUM, TOTAL RECOVERABLE UG/L AS Cd ANAL BY ICP
01034 CHROMIUM, TOTAL RECOVERABLE UG/L AS Cr ANAL BY ICP
01037 COBALT, TOTAL RECOVERABLE UG/L AS Co ANAL BY ICP
01042 COPPER, TOTAL RECOVERABLE UG/L AS Cu ANAL BY ICP
01045 IRON, TOTAL RECOVERABLE, UG/L AS FE ANAL BY ICP
01051 LEAD, TOTAL RECOVERABLE UG/L AS Pb
01055 MANGANESE, TOTAL RECOVERABLE UG/L AS Mn ANAL BY ICP
01067 NICKEL, TOTAL RECOVERABLE UG/L AS Ni ANAL BY ICP
01077 SILVER, TOTAL RECOVERABLE UG/L AS Ag ANAL BY ICP
01082 STRONTIUM, TOTAL RECOVERABLE UG/L AS Sr ANAL BY ICP
01087 VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP
01092 ZINC, TOTAL RECOVERABLE UG/L AS Zn ANAL BY ICP
01147 SELENIUM, TOTAL RECOVERABLE UG/L AS Se
70300 RESIDUE, TOTAL FILTERABLE @190 C, MG/L
70304 TOTAL DISSOLVED SOLIDS MG/L BY EC
71900 MERCURY, TOTAL UG/L AS Hg

FACILITY: J190650 RANTOUL

TAP: 02

RAW SITE: 45058 WELL 8 WEST WELL OF 2 AT PARK

STATUS: A
STATUS: A
STATUS: A

PUBLIC: Y COMM: Y TYPE WATER: G

SAMPLE NO: 8037193 LOCATION: WELL #8
SAMPL TYPE: RAW COLLECTOR: BOB ROSENHECK
SAMPL PURP: 1-ROUTINE COMMENTS:
SAMPL PRPG: 1-GWM INORG OBSRVATNS:

COLL DATE: 03/03/82 DELIVERED BY:
LAB RCVD: 04/02/82 RECEIVED BY:
LAB COMPL: LAB SUPERVISOR:
SAMPL PERIOD: 03/82 FUND CODE:

ANALYSIS RSLT -----STORET-----
ID NO NO DESCRIPTION

00095 CONDUCTIVITY(CE)-LAB(CUMHOS/CM @ 25 C
00403 PH LABORATORY UNITS
00410 ALKALINITY, TOTAL MG/L AS CaCO3
00610 NITROGEN, AMMONIA TOTAL MG/L AS N
00630 NITRATE & NITRITE TOTAL MG/L AS N
00720 CYANIDE, TOTAL MG/L AS CN
00900 HARDNESS, EDTA MG/L AS CaCO3
00916 CALCIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP

UNITS RESULT DRINK WTR RAV WTR TRIGGER LEVEL

1640.000
7.400
418.000
3.000
0.100 <
0.005 <
307.000
80.000

TRIGGER LEVEL

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: PWJMP048
MODULE: PWGWM026

PAGE: 16
DATE: 12/18/90

FACILITY: 0190650 RANTOUL

*** CONTINUED ***

00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	30.500	
00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	41.000	
00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	2.100	
00940	CHLORIDE, TOTAL MG/L AS CL	1.800	
00945	SULFATE, TOTAL MG/L AS SO4	18.000	
00951	FLUORIDE, TOTAL MG/L AS F	0.250	
00956	SILICA, TOTAL MG/L AS SiO2	4.000	
01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	50.000	
01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	1000.000	
01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP	0.050	
01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	680.000	
01027	CAESIUM, TOTAL RECOVERABLE UG/L AS CS ANAL BY ICP	3.000	
01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP	5.000	
01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	5.000	
01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	3.000	
01045	IRON, TOTAL RECOVERABLE, UG/L AS FE ANAL BY ICP	2190.000	
01051	LEAD, TOTAL RECOVERABLE UG/L AS PB	5.000	
01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	79.000	
01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP	3.000	
01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	5.000	
01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	510.000	
01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	4.000	
01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	2.000	
01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE	5.000	
70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	560.000	
70304	TOTAL DISSOLVED SOLIDS MG/L BY EC	980.000	
71900	MERCURY, TOTAL UG/L AS HG	0.050	

APPENDIX E

100

HAZARD REVIEW WORKSHEET

1. Unique I.D. Number 4 5 0 5 3 - 0 8 - X I , Distance and Direction from the Wellhead: 50 feet south
2. Nature of Business: Electric Power Generating Plant
3. DLPC Permit Number(s) and Description (e.g., RCRA, Generic, Solid Waste, UIC, etc.): None
4. DAPC Permit Number(s) and Description: I.D. #019065AAN, permit #73031898
5. DWPC Permit Numbers and Description (e.g., NPDES, Industrial Pre-Treatment, Sewer Plans, etc.): None
6. ERU Incidents and Description: None
7. ERU 313 Reports and Description: None
8. ESDA 302/303 Reports and Description: None
9. ESDA 311/312 Reports and Description: None
10. PWS compliance monitoring conducted and describe the results (e.g., VOC/VOA sample detects, etc.):

Analyses by EMS Laboratories of Darien, IL indicate no detects.

11. ISFM list the underground storage tanks registered, provide the owner name and address:

Owner Name

Address

12. Is the site sewered or non-sewered? Sewered

If the site is not sewered, describe:

13. Has on-site past or present landfilling, land treating, or surface impoundment of waste, other than landscape waste or construction and demolition debris occurred?

[] Yes. If yes, describe:

[X] No.

14. Are there currently any on-site piles of special or hazardous waste?

☐ Yes. If yes, describe:

☒ No.

15. Are on-site piles of waste (other than special or hazardous wastes) managed according to Agency guidelines?

☐ Yes.

☒ No. If no, describe:

16. Are there currently any underground storage tanks present on-site, and will any underground tanks be installed in the future?

☐ Yes. If yes, describe:

☒ No.

17(a). Has any situation(s) occurred at this site which resulted in a "release" of any hazardous substance or petroleum?

☐ Yes (continue to next question)

☒ No (stop here)

(b). Have any hazardous substances or petroleum, which were released, come into contact with the ground surface at this site? (Note--do not automatically exclude paved or otherwise covered areas that may still have allowed chemical substances to penetrate into the ground.)

☐ Yes (continue to next question)

☐ No (stop here)

(c). Have any of the following actions/events been associated with the release(s) referred to in question 17(b)?

☐ Hiring of a cleanup contractor to remove obviously contaminated materials including subsoils

☐ Replacement or major repair of damaged facilities

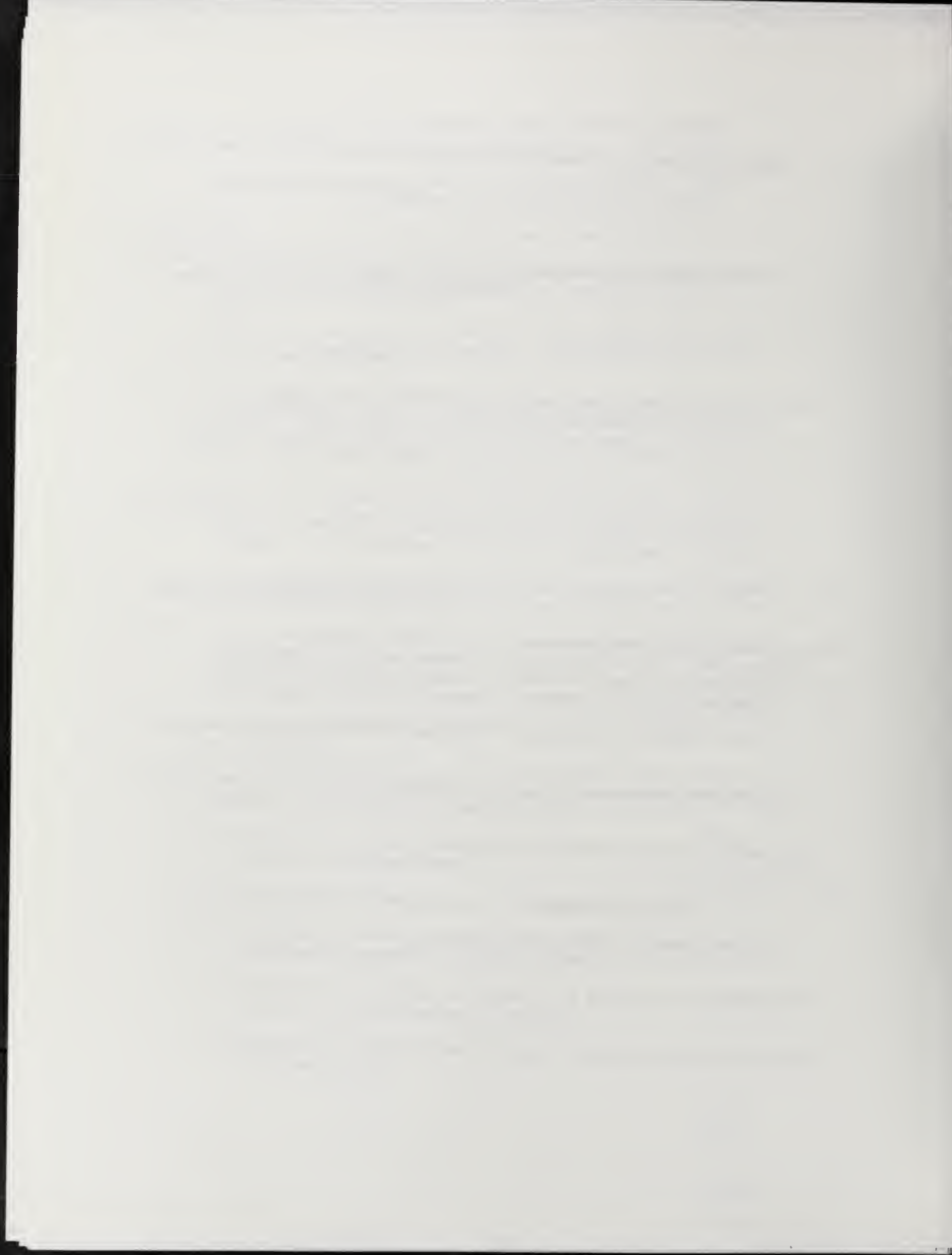
☐ Assignment of in-house maintenance staff to remove obviously contaminated materials including subsoils

☐ Designation, by IEPA or the ESDA, of a release as "significant" under the Illinois Chemical Safety Act

☐ Reordering or other replenishment of inventory due to the amount of substance lost

- ☐ Temporary or more long-term monitoring of groundwater at or near the site
 - ☐ Stop usage of an on-site or nearby water well because of offensive characteristics of the water
 - ☐ Coping with fumes from subsurface storm drains or inside basements
 - ☐ Signs of substances leaching out of the ground along the base of slopes or at other low points on or adjacent to the site
- (d). The on-site release(s) may have been of sufficient magnitude to contaminate groundwaters. Summarize the problem.

18. Are there more than 100 gallons of either pesticides or organic solvents, or 10,000 gallons of any hazardous substance, or 30,000 gallons of petroleum present at any time?
- ☒ Yes. If yes, describe: Exact quantity unknown but estimated to be in excess of 30,000 gallons above ground storage.
- ☐ No.
19. Do any of the regulated entities have groundwater monitoring systems, and have any exceeded compliance requirements?
- ☐ Yes. If yes, describe:
- ☒ No.
20. After considering all of the above criteria does this site potentially pose a hazard to groundwater?
- ☒ Yes. If yes, describe: A spill could contaminate the well due to its close proximity.
- ☐ No.



HAZARD REVIEW WORKSHEET

1. Unique I.D. Number 4 5 0 5 5 - 0 8 - X I , Distance and Direction from the Wellhead: 50 feet south
2. Nature of Business: Electric Power Generating Plant
3. DLPC Permit Number(s) and Description (e.g., RCRA, Generic, Solid Waste, UIC, etc.): None
4. DAPC Permit Number(s) and Description: I.D. #019065AAN, permit #73031898
5. DWPC Permit Numbers and Description (e.g., NPDES, Industrial Pre-Treatment, Sewer Plans, etc.): None
6. ERU Incidents and Description: None
7. ERU 313 Reports and Description: None
8. ESDA 302/303 Reports and Description: None
9. ESDA 311/312 Reports and Description: None
10. PWS compliance monitoring conducted and describe the results (e.g., VOC/VOA sample detects, etc.):

Analyses by EMS Laboratories of Darien, IL indicate no detects.

11. ISFM list the underground storage tanks registered, provide the owner name and address:

Owner Name

Address

12. Is the site sewered or non-sewered? Sewered

If the site is not sewered, describe:

13. Has on-site past or present landfilling, land treating, or surface impoundment of waste, other than landscape waste or construction and demolition debris occurred?

[] Yes. If yes, describe:

[X] No.

14. Are there currently any on-site piles of special or hazardous waste?

☐ Yes. If yes, describe:

☒ No.

15. Are on-site piles of waste (other than special or hazardous wastes) managed according to Agency guidelines?

☐ Yes.

☒ No. If no, describe:

16. Are there currently any underground storage tanks present on-site, and will any underground tanks be installed in the future?

☐ Yes. If yes, describe:

☒ No.

17(a). Has any situation(s) occurred at this site which resulted in a "release" of any hazardous substance or petroleum?

☐ Yes (continue to next question)

☒ No (stop here)

(b). Have any hazardous substances or petroleum, which were released, come into contact with the ground surface at this site? (Note--do not automatically exclude paved or otherwise covered areas that may still have allowed chemical substances to penetrate into the ground.)

☐ Yes (continue to next question)

☐ No (stop here)

(c). Have any of the following actions/events been associated with the release(s) referred to in question 17(b)?

☐ Hiring of a cleanup contractor to remove obviously contaminated materials including subsoils

☐ Replacement or major repair of damaged facilities

☐ Assignment of in-house maintenance staff to remove obviously contaminated materials including subsoils

☐ Designation, by IEPA or the ESDA, of a release as "significant" under the Illinois Chemical Safety Act

☐ Reordering or other replenishment of inventory due to the amount of substance lost

- ☐ Temporary or more long-term monitoring of groundwater at or near the site
- ☐ Stop usage of an on-site or nearby water well because of offensive characteristics of the water
- ☐ Coping with fumes from subsurface storm drains or inside basements
- ☐ Signs of substances leaching out of the ground along the base of slopes or at other low points on or adjacent to the site

(d). The on-site release(s) may have been of sufficient magnitude to contaminate groundwaters. Summarize the problem.

18. Are there more than 100 gallons of either pesticides or organic solvents, or 10,000 gallons of any hazardous substance, or 30,000 gallons of petroleum present at any time?

☒ Yes. If yes, describe: Exact quantity unknown but estimated to be in excess of 30,000 gallons above ground storage.

☐ No.

19. Do any of the regulated entities have groundwater monitoring systems, and have any exceeded compliance requirements?

☐ Yes. If yes, describe:

☒ No.

20. After considering all of the above criteria does this site potentially pose a hazard to groundwater?

☒ Yes. If yes, describe: A spill could contaminate the well due to its close proximity.

☐ No.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
CHICAGO, ILLINOIS 60637

TO THE HONORABLE CHAIRMAN OF THE BOARD OF TRUSTEES
OF THE UNIVERSITY OF CHICAGO

FROM
THE DEPARTMENT OF CHEMISTRY

IN RESPONSE TO YOUR LETTER OF
JANUARY 10, 1967

YOUR LETTER OF JANUARY 10, 1967
HAS BEEN RECEIVED AND THE
FOLLOWING INFORMATION IS
BEING FURNISHED TO YOU:

THE DEPARTMENT OF CHEMISTRY
HAS BEEN ADVISED BY THE
FEDERAL BUREAU OF INVESTIGATION
THAT THE FOLLOWING INFORMATION
IS BEING FURNISHED TO YOU:

THE DEPARTMENT OF CHEMISTRY
HAS BEEN ADVISED BY THE
FEDERAL BUREAU OF INVESTIGATION
THAT THE FOLLOWING INFORMATION
IS BEING FURNISHED TO YOU:

THE DEPARTMENT OF CHEMISTRY
HAS BEEN ADVISED BY THE
FEDERAL BUREAU OF INVESTIGATION
THAT THE FOLLOWING INFORMATION
IS BEING FURNISHED TO YOU:

THE DEPARTMENT OF CHEMISTRY
HAS BEEN ADVISED BY THE
FEDERAL BUREAU OF INVESTIGATION
THAT THE FOLLOWING INFORMATION
IS BEING FURNISHED TO YOU:

THE DEPARTMENT OF CHEMISTRY
HAS BEEN ADVISED BY THE
FEDERAL BUREAU OF INVESTIGATION
THAT THE FOLLOWING INFORMATION
IS BEING FURNISHED TO YOU:

HAZARD REVIEW WORKSHEET

1. Unique I.D. Number 4 5 0 5 6 - 0 8 - X I , Distance and Direction from the Wellhead: 50 feet south
2. Nature of Business: Electric Power Generating Plant
3. DLPC Permit Number(s) and Description (e.g., RCRA, Generic, Solid Waste, UIC, etc.): None
4. DAPC Permit Number(s) and Description: I.D. #019065AAN, permit #73031898
5. DWPC Permit Numbers and Description (e.g., NPDES, Industrial Pre-Treatment, Sewer Plans, etc.): None
6. ERU Incidents and Description: None
7. ERU 313 Reports and Description: None
8. ESDA 302/303 Reports and Description: None
9. ESDA 311/312 Reports and Description: None
10. PWS compliance monitoring conducted and describe the results (e.g., VOC/VOA sample detects, etc.):

Analyses by EMS Laboratories of Darien, IL indicate no detects.

11. ISFM list the underground storage tanks registered, provide the owner name and address:

Owner Name

Address

12. Is the site sewered or non-sewered? Sewered

If the site is not sewered, describe:

13. Has on-site past or present landfilling, land treating, or surface impoundment of waste, other than landscape waste or construction and demolition debris occurred?

[] Yes. If yes, describe:

[X] No.

14. Are there currently any on-site piles of special or hazardous waste?

☐ Yes. If yes, describe:

☒ No.

15. Are on-site piles of waste (other than special or hazardous wastes) managed according to Agency guidelines?

☐ Yes.

☒ No. If no, describe:

16. Are there currently any underground storage tanks present on-site, and will any underground tanks be installed in the future?

☐ Yes. If yes, describe:

☒ No.

17(a). Has any situation(s) occurred at this site which resulted in a "release" of any hazardous substance or petroleum?

☐ Yes (continue to next question)

☒ No (stop here)

(b). Have any hazardous substances or petroleum, which were released, come into contact with the ground surface at this site? (Note--do not automatically exclude paved or otherwise covered areas that may still have allowed chemical substances to penetrate into the ground.)

☐ Yes (continue to next question)

☐ No (stop here)

(c). Have any of the following actions/events been associated with the release(s) referred to in question 17(b)?

☐ Hiring of a cleanup contractor to remove obviously contaminated materials including subsoils

☐ Replacement or major repair of damaged facilities

☐ Assignment of in-house maintenance staff to remove obviously contaminated materials including subsoils

☐ Designation, by IEPA or the ESDA, of a release as "significant" under the Illinois Chemical Safety Act

☐ Reordering or other replenishment of inventory due to the amount of substance lost

- ☐ Temporary or more long-term monitoring of groundwater at or near the site
 - ☐ Stop usage of an on-site or nearby water well because of offensive characteristics of the water
 - ☐ Coping with fumes from subsurface storm drains or inside basements
 - ☐ Signs of substances leaching out of the ground along the base of slopes or at other low points on or adjacent to the site
- (d). The on-site release(s) may have been of sufficient magnitude to contaminate groundwaters. Summarize the problem.
18. Are there more than 100 gallons of either pesticides or organic solvents, or 10,000 gallons of any hazardous substance, or 30,000 gallons of petroleum present at any time?
- ☒ Yes. If yes, describe: Exact quantity unknown but estimated to be in excess of 30,000 gallons above ground storage.
- ☐ No.
19. Do any of the regulated entities have groundwater monitoring systems, and have any exceeded compliance requirements?
- ☐ Yes. If yes, describe:
- ☒ No.
20. After considering all of the above criteria does this site potentially pose a hazard to groundwater?
- ☒ Yes. If yes, describe: A spill could contaminate the well due to its close proximity.
- ☐ No.

THE UNIVERSITY OF CHICAGO
LIBRARY

100 EAST 57TH STREET
CHICAGO, ILL. 60637

TEL: 773-936-5000
FAX: 773-936-5001

WWW.CHICAGO.EDU
WWW.LIBRARY.CHICAGO.EDU

100 EAST 57TH STREET
CHICAGO, ILL. 60637

TEL: 773-936-5000
FAX: 773-936-5001

WWW.CHICAGO.EDU
WWW.LIBRARY.CHICAGO.EDU

100 EAST 57TH STREET
CHICAGO, ILL. 60637

TEL: 773-936-5000
FAX: 773-936-5001

WWW.CHICAGO.EDU
WWW.LIBRARY.CHICAGO.EDU

Rantoul 0190650



FS fertilizer storage, facing E



FS below ground fuel storage, facing N

photos by W. Borning





UNIVERSITY OF ILLINOIS-URBANA



3 0112 122548982